

# **COMMONWEALTH OF VIRGINIA**

## **DEPARTMENT OF HEALTH**



### **DIVISION OF HIV, STD, AND PHARMACY SERVICES SURVEILLANCE QUARTERLY**

September 30, 2005

THIRD QUARTER, 2005

Volume 13, Number 4



# **DIVISION OF HIV, STD, AND PHARMACY SERVICES SURVEILLANCE QUARTERLY**

Virginia Cases Reported Through September 30, 2005

Third Quarter, 2005

Volume 13, Number 4

*Citation:* Division of HIV, STD, and Pharmacy Services, Virginia Department of Health.  
*Division of HIV, STD, and Pharmacy Services Surveillance Quarterly*, September 30, 2005.

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Division of HIV, STD, and Pharmacy Services web site: <http://www.vdh.virginia.gov/std>



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Table 1. HIV and AIDS Cumulative Case Summary<sup>1</sup>

| <b>Gender</b>                               | <b>HIV</b>    |                | <b>AIDS</b>   |                |
|---|---------------|----------------|---------------|----------------|
|   | <b>Cases</b>  | <b>Percent</b> | <b>Cases</b>  | <b>Percent</b> |
| Male  | 12,124        | 72.3           | 12,780        | 80.4           |
| Female                                      | 4,653         | 27.7           | 3,122         | 19.6           |
| <b>Total</b>                                | <b>16,777</b> | <b>100.0</b>   | <b>15,902</b> | <b>100.0</b>   |
| <b>Race/Ethnicity</b>                       |               |                |               |                |
| White                                       | 4,878         | 29.1           | 6,297         | 39.6           |
| Black                                       | 10,968        | 65.4           | 8,798         | 55.3           |
| Hispanic                                    | 695           | 4.1            | 658           | 4.1            |
| Asian/Pacific Islander                      | 120           | 0.7            | 122           | 0.8            |
| American Indian/Alaskan Native              | 13            | 0.1            | 13            | 0.1            |
| Other/Not Reported                          | 103           | 0.6            | 14            | 0.1            |
| <b>Total</b>                                | <b>16,777</b> | <b>100.0</b>   | <b>15,902</b> | <b>100.0</b>   |
| <b>Age at Diagnosis</b> <sup>2</sup>        |               |                |               |                |
| 0 - 12                                      | 152           | 0.9            | 173           | 1.1            |
| 13 - 19                                     | 578           | 3.4            | 86            | 0.5            |
| 20 - 29                                     | 5,419         | 32.3           | 2,657         | 16.7           |
| 30 - 39                                     | 6,444         | 38.4           | 6,882         | 43.3           |
| 40 - 49                                     | 3,111         | 18.5           | 4,323         | 27.2           |
| 50+   | 1,067         | 6.4            | 1,781         | 11.2           |
| Not Reported                                | 6             | 0.0            | 0             | 0.0            |
| <b>Total</b>                                | <b>16,777</b> | <b>100.0</b>   | <b>15,902</b> | <b>100.0</b>   |
| <b>Transmission Risk</b>                    |               |                |               |                |
| Men Having Sex with Men (MSM) <sup>3</sup>  | 6,079         | 36.2           | 7,567         | 47.6           |
| Injecting Drug Use (IDU)                    | 2,846         | 17.0           | 2,668         | 16.8           |
| MSM & IDU                                   | 869           | 5.2            | 824           | 5.2            |
| Hemophilia                                  | 73            | 0.4            | 106           | 0.7            |
| Heterosexual Contact <sup>4</sup>           | 3,260         | 19.4           | 2,456         | 15.4           |
| Transfusion Blood/Products <sup>5</sup>     | 125           | 0.7            | 275           | 1.7            |
| Other:                                      |               |                |               |                |
| No Identified Risk (NIR)                    | 1,126         | 6.7            | 632           | 4.0            |
| Multiple Heterosexual Contacts <sup>6</sup> | 639           | 3.8            | 303           | 1.9            |
| Undetermined/Not Reported <sup>7</sup>      | 1,607         | 9.6            | 877           | 5.5            |
| Adult/Adolescent Sub-Total                  | 16,624        | 99.1           | 15,708        | 98.8           |
| Pediatric <sup>8</sup>                      | 153           | 0.9            | 194           | 1.2            |
| <b>Total</b>                                | <b>16,777</b> | <b>100.0</b>   | <b>15,902</b> | <b>100.0</b>   |
| <b>Health Region</b>                        |               |                |               |                |
| Northwest                                   | 907           | 5.4            | 1,140         | 7.2            |
| Northern                                    | 3,934         | 23.4           | 4,850         | 30.5           |
| Southwest                                   | 1,332         | 7.9            | 1,393         | 8.8            |
| Central                                     | 4,313         | 25.7           | 3,685         | 23.2           |
| Eastern                                     | 6,291         | 37.5           | 4,834         | 30.4           |
| <b>Total</b>                                | <b>16,777</b> | <b>100.0</b>   | <b>15,902</b> | <b>100.0</b>   |

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Table 2. HIV Infection Summary (HIV and AIDS Unduplicated\*)

|   | <b>Unduplicated Count</b> |                |
|---|---------------------------|----------------|
| <b>Gender</b>                               | <b>Cases</b>              | <b>Percent</b> |
| Male  | 20,483                    | 76.8           |
| Female                                      | 6,194                     | 23.2           |
| <b>Total</b>                                | <b>26,677</b>             | <b>100.0</b>   |
| <b>Race/Ethnicity</b>                       |                           |                |
| White                                       | 9,425                     | 35.3           |
| Black                                       | 15,751                    | 59.0           |
| Hispanic                                    | 1,164                     | 4.4            |
| Asian/Pacific Islander                      | 201                       | 0.8            |
| American Indian/Alaskan Native              | 24                        | 0.1            |
| Other/Not Reported                          | 112                       | 0.4            |
| <b>Total</b>                                | <b>26,677</b>             | <b>100.0</b>   |
| <b>Age at Diagnosis</b> <sup>2</sup>        |                           |                |
| 0 - 12                                      | 271                       | 1.0            |
| 13 - 19                                     | 637                       | 2.4            |
| 20 - 29                                     | 7,042                     | 26.4           |
| 30 - 39                                     | 10,703                    | 40.1           |
| 40 - 49                                     | 5,756                     | 21.6           |
| 50+   | 2,262                     | 8.5            |
| Not Reported                                | 6                         | 0.0            |
| <b>Total</b>                                | <b>26,677</b>             | <b>100.0</b>   |
| <b>Transmission Risk</b>                    |                           |                |
| Men Having Sex with Men (MSM) <sup>3</sup>  | 11,319                    | 42.4           |
| Injecting Drug Use (IDU)                    | 4,189                     | 15.7           |
| MSM & IDU                                   | 1,282                     | 4.8            |
| Hemophilia                                  | 134                       | 0.5            |
| Heterosexual Contact <sup>4</sup>           | 4,436                     | 16.6           |
| Transfusion Blood/Products <sup>5</sup>     | 343                       | 1.3            |
| Other:                                      |                           |                |
| No Identified Risk (NIR)                    | 1,564                     | 5.9            |
| Multiple Heterosexual Contacts <sup>6</sup> | 806                       | 3.0            |
| Undetermined/Not Reported <sup>7</sup>      | 2,323                     | 8.7            |
| Adult/Adolescent Sub-Total                  | 26,396                    | 98.9           |
| Pediatric <sup>8</sup>                      | 281                       | 1.1            |
| <b>Total</b>                                | <b>26,677</b>             | <b>100.0</b>   |
| <b>Health Region</b>                        |                           |                |
| Northwest                                   | 1,717                     | 6.4            |
| Northern                                    | 7,579                     | 28.4           |
| Southwest                                   | 2,170                     | 8.1            |
| Central                                     | 6,387                     | 23.9           |
| Eastern                                     | 8,824                     | 33.1           |
| <b>Total</b>                                | <b>26,677</b>             | <b>100.0</b>   |

\* Virginia regulations require reporting of HIV and AIDS separately; therefore, an individual may be reported once as an HIV case and once as an AIDS case. This table presents the total number of people who have either HIV or AIDS. People reported as both an HIV case and an AIDS case are counted only once.

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Table 3. HIV Infection Living Case Summary (HIV and AIDS Unduplicated)

| <b>Gender</b>                               | <b>HIV</b>   |                | <b>AIDS</b>  |                | <b>Total</b> |                |
|---|--------------|----------------|--------------|----------------|--------------|----------------|
|   | <b>Cases</b> | <b>Percent</b> | <b>Cases</b> | <b>Percent</b> | <b>Cases</b> | <b>Percent</b> |
| Male  | 6,788        | 70.7           | 5,899        | 76.1           | 12,687       | 73.1           |
| Female                                      | 2,819        | 29.3           | 1,850        | 23.9           | 4,669        | 26.9           |
| <b>Total</b>                                | 9,607        | 100            | 7,749        | 100            | 17,356       | 100            |
| <b>Race/Ethnicity</b>                       |              |                |              |                |              |                |
| White                                       | 2,764        | 28.8           | 2,655        | 34.3           | 5,419        | 31.2           |
| Black                                       | 6,208        | 64.6           | 4,577        | 59.1           | 10,785       | 62.1           |
| Hispanic                                    | 467          | 4.9            | 422          | 5.4            | 889          | 5.1            |
| Asian/Pacific Islander                      | 73           | 0.8            | 79           | 1.0            | 152          | 0.9            |
| American Indian/Alaskan Native              | 8            | 0.1            | 5            | 0.1            | 13           | 0.1            |
| Other/Not Reported                          | 87           | 0.9            | 11           | 0.1            | 98           | 0.6            |
| <b>Total</b>                                | 9,607        | 100            | 7,749        | 100            | 17,356       | 100            |
| <b>Current Age*</b>                         |              |                |              |                |              |                |
| 0 - 12                                      | 42           | 0.4            | 32           | 0.4            | 74           | 0.4            |
| 13 - 19                                     | 74           | 0.8            | 60           | 0.8            | 134          | 0.8            |
| 20 - 29                                     | 1,047        | 10.9           | 317          | 4.1            | 1,364        | 7.9            |
| 30 - 39                                     | 2,809        | 29.2           | 1,758        | 22.7           | 4,567        | 26.3           |
| 40 - 49                                     | 3,706        | 38.6           | 3,315        | 42.8           | 7,021        | 40.5           |
| 50+   | 1,928        | 20.1           | 2,267        | 29.3           | 4,195        | 24.2           |
| Not Reported                                | 1            | 0.0            | -            | 0.0            | 1            | 0.0            |
| <b>Total</b>                                | 9,607        | 100.0          | 7,749        | 100.0          | 17,356       | 100.0          |
| <b>Transmission Risk</b>                    |              |                |              |                |              |                |
| Men Having Sex with Men (MSM) <sup>3</sup>  | 3,359        | 35.4           | 3,227        | 41.6           | 6,586        | 37.9           |
| Injecting Drug Use (IDU)                    | 1,208        | 18.0           | 1,198        | 15.5           | 2,406        | 13.9           |
| MSM & IDU                                   | 352          | 4.6            | 341          | 4.4            | 693          | 4.0            |
| Hemophilia                                  | 21           | 0.5            | 40           | 0.5            | 61           | 0.4            |
| Heterosexual Contact <sup>4</sup>           | 1,868        | 19.3           | 1,494        | 19.3           | 3,362        | 19.4           |
| Transfusion Blood/Products <sup>5</sup>     | 49           | 0.8            | 60           | 0.8            | 109          | 0.6            |
| Other:                                      |              |                |              |                |              |                |
| No Identified Risk (NIR)                    | 891          | 5.8            | 507          | 6.5            | 1,398        | 8.1            |
| Multiple Heterosexual Contacts <sup>6</sup> | 465          | 4.8            | 225          | 2.9            | 690          | 4.0            |
| Undetermined/Not Reported <sup>7</sup>      | 1,312        | 9.9            | 553          | 7.1            | 1,865        | 10.7           |
| Adult/Adolescent Sub-Total                  | 9,525        | 99.1           | 7,645        | 98.7           | 17,170       | 98.9           |
| Pediatric <sup>8</sup>                      | 82           | 0.9            | 104          | 1.3            | 186          | 1.1            |
| <b>Total</b>                                | 9,607        | 100.0          | 7,749        | 100.0          | 17,356       | 100.0          |
| <b>Health Region^</b>                       |              |                |              |                |              |                |
| Northwest                                   | 555          | 5.4            | 600          | 7.0            | 1,155        | 7.0            |
| Northern                                    | 2,480        | 22.6           | 2,443        | 29.8           | 4,923        | 29.8           |
| Southwest                                   | 709          | 8.1            | 635          | 8.8            | 1,344        | 8.8            |
| Central                                     | 2,438        | 25.7           | 1,723        | 22.9           | 4,161        | 22.9           |
| Eastern                                     | 3,425        | 38.1           | 2,348        | 31.6           | 5,773        | 31.6           |
| <b>Total</b>                                | 9,607        | 100.0          | 7,749        | 100.0          | 17,356       | 100.0          |

\*Age is current age as of September 30, 2005

<sup>^</sup>Region represents the region of latest diagnosis

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Table 4. Living HIV/AIDS

| Gender                                 | Northwest    |      | Northern     |      | Southwest    |      | Central      |      | Eastern      |      | Virginia      |      |
|--|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|---------------|------|
| Male                                   | 848 73.4     |      | 3,699 75.1   |      | 939 69.9     |      | 3,076 73.9   |      | 4,125 71.5   |      | 12,687 73.1   |      |
| Female                                 | 307 26.6     |      | 1,224 24.9   |      | 405 30.1     |      | 1,085 26.1   |      | 1,648 28.5   |      | 4,669 26.9    |      |
| <b>Total</b>                           | <b>1,155</b> |      | <b>4,923</b> |      | <b>1,344</b> |      | <b>4,161</b> |      | <b>5,773</b> |      | <b>17,356</b> |      |
| Race/Ethnicity                         |              |      |              |      |              |      |              |      |              |      |               |      |
| White                                  | 558          | 48.3 | 1,890        | 38.4 | 617          | 45.9 | 935          | 22.5 | 1,419        | 24.6 | 5,419         | 31.2 |
| Black                                  | 534          | 46.2 | 2,389        | 48.5 | 690          | 51.3 | 3,075        | 73.9 | 4,097        | 71.0 | 10,785        | 62.1 |
| Hispanic                               | 56           | 4.8  | 515          | 10.5 | 27           | 2.0  | 107          | 2.6  | 184          | 3.2  | 889           | 5.1  |
| Other/Not Reported <sup>9</sup>        | 7            | 0.6  | 129          | 2.6  | 10           | 0.7  | 44           | 1.1  | 73           | 1.3  | 263           | 1.5  |
| <b>Total</b>                           | <b>1,155</b> |      | <b>4,923</b> |      | <b>1,344</b> |      | <b>4,161</b> |      | <b>5,773</b> |      | <b>17,356</b> |      |
| Current Age*                           |              |      |              |      |              |      |              |      |              |      |               |      |
| 0 - 12                                 | 6            | 0.5  | 8            | 0.2  | 11           | 0.8  | 22           | 0.5  | 27           | 0.5  | 74            | 0.4  |
| 13 - 19                                | 8            | 0.7  | 24           | 0.5  | 15           | 1.1  | 29           | 0.7  | 58           | 1.0  | 134           | 0.8  |
| 20 - 29                                | 82           | 7.1  | 307          | 6.2  | 100          | 7.4  | 291          | 7.0  | 584          | 10.1 | 1,364         | 7.9  |
| 30 - 39                                | 302          | 26.1 | 1,299        | 26.4 | 370          | 27.5 | 1,035        | 24.9 | 1,561        | 27.0 | 4,567         | 26.3 |
| 40 - 49                                | 473          | 41.0 | 2,021        | 41.1 | 547          | 40.7 | 1,721        | 41.4 | 2,259        | 39.1 | 7,021         | 40.5 |
| 50+                                    | 284          | 24.6 | 1,264        | 25.7 | 300          | 22.3 | 1,063        | 25.5 | 1,284        | 22.2 | 4,195         | 24.2 |
| Not Reported                           | 0            | 0.0  | 0            | 0.0  | 1            | 0.1  | 0            | 0.0  | 0            | 0.0  | 1             | 0.0  |
| <b>Total</b>                           | <b>1,155</b> |      | <b>4,923</b> |      | <b>1,344</b> |      | <b>4,161</b> |      | <b>5,773</b> |      | <b>17,356</b> |      |
| Transmission Risk                      |              |      |              |      |              |      |              |      |              |      |               |      |
| MSM <sup>3</sup>                       | 461          | 42.2 | 2,223        | 55.1 | 479          | 37.2 | 1,412        | 41.7 | 2,011        | 45.7 | 6,586         | 45.7 |
| IDU                                    | 181          | 20.4 | 596          | 17.3 | 162          | 13.9 | 715          | 24.2 | 752          | 18.9 | 2,406         | 18.9 |
| MSM/IDU                                | 54           | 6.5  | 160          | 4.5  | 68           | 5.6  | 215          | 7.4  | 196          | 5.2  | 693           | 5.2  |
| Heterosexual Contact <sup>4</sup>      | 216          | 21.9 | 840          | 20.1 | 321          | 22.2 | 797          | 24.0 | 1,188        | 27.7 | 3,362         | 27.7 |
| Other Risks                            | 181          | 4.5  | 651          | 2.9  | 211          | 3.3  | 465          | 2.7  | 934          | 2.6  | 2,442         | 2.6  |
| Total with a Reported Risk             | 1,093        | 94.6 | 4,470        | 90.8 | 1,241        | 92.3 | 3,604        | 86.6 | 5,081        | 88.0 | 15,489        | 89.2 |
| Undetermined/Not Reported <sup>7</sup> | 62           | 5.4  | 453          | 9.2  | 103          | 7.7  | 557          | 13.4 | 692          | 12.0 | 1,867         | 10.8 |
| <b>Total</b>                           | <b>1,155</b> |      | <b>4,923</b> |      | <b>1,344</b> |      | <b>4,161</b> |      | <b>5,773</b> |      | <b>17,356</b> |      |

\*Age is current age as of September 30, 2005

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Table 5. HIV Infection (HIV and AIDS Unduplicated) by Transmission Risk

**Adult/Adolescent**

| Male                                   |  | 2001         |         | 2002         |         | 2003         |         | 2004         |         | Jan. - Sept. 2005 |         |
|--|--|--------------|---------|--------------|---------|--------------|---------|--------------|---------|-------------------|---------|
| Risk                                   |  | Cases        | Percent | Cases        | Percent | Cases        | Percent | Cases        | Percent | Cases             | Percent |
| MSM <sup>3</sup>                       |  | 497          | 66.4    | 508          | 69.2    | 439          | 72.6    | 449          | 74.6    | 297               | 77.3    |
| IDU                                    |  | 115          | 15.4    | 89           | 12.1    | 51           | 8.4     | 64           | 10.6    | 30                | 7.8     |
| MSM/IDU                                |  | 28           | 3.7     | 27           | 3.7     | 18           | 3.0     | 26           | 4.3     | 13                | 3.4     |
| Heterosexual Contact <sup>4</sup>      |  | 102          | 13.6    | 106          | 14.4    | 94           | 15.5    | 58           | 9.6     | 39                | 10.2    |
| Other Risks <sup>10</sup>              |  | 7            | 0.9     | 4            | 0.5     | 3            | 0.5     | 5            | 0.8     | 5                 | 1.3     |
| Total with a                           |  |              |         |              |         |              |         |              |         |                   |         |
| Reported Risk                          |  | 749          | 74.8    | 734          | 71.5    | 605          | 72.6    | 602          | 67.4    | 384               | 62.8    |
| Undetermined/Not Reported <sup>7</sup> |  | 252          | 25.2    | 292          | 28.5    | 228          | 27.4    | 291          | 32.6    | 227               | 37.2    |
| <b>Total Male</b>                      |  | <b>1,001</b> |         | <b>1,026</b> |         | <b>833</b>   |         | <b>893</b>   |         | <b>611</b>        |         |
| <hr/>                                  |  |              |         |              |         |              |         |              |         |                   |         |
| Female                                 |  | 2001         |         | 2002         |         | 2003         |         | 2004         |         | Jan. - Sept. 2005 |         |
| Risk                                   |  | Cases        | Percent | Cases        | Percent | Cases        | Percent | Cases        | Percent | Cases             | Percent |
| IDU                                    |  | 47           | 19.5    | 38           | 16.7    | 29           | 16.4    | 26           | 17.1    | 19                | 23.5    |
| Heterosexual Contact <sup>4</sup>      |  | 189          | 78.4    | 185          | 81.1    | 148          | 83.6    | 124          | 81.6    | 61                | 75.3    |
| Other                                  |  | 5            | 2.1     | 5            | 2.2     | 0            | 0.0     | 2            | 1.3     | 1                 | 1.2     |
| Total with a                           |  |              |         |              |         |              |         |              |         |                   |         |
| Reported Risk                          |  | 241          | 63.4    | 228          | 54.8    | 177          | 50.0    | 152          | 40.1    | 81                | 35.8    |
| Undetermined/Not Reported <sup>7</sup> |  | 139          | 36.6    | 188          | 45.2    | 177          | 50.0    | 227          | 59.9    | 145               | 64.2    |
| <b>Total Female</b>                    |  | <b>380</b>   |         | <b>416</b>   |         | <b>354</b>   |         | <b>379</b>   |         | <b>226</b>        |         |
| <hr/>                                  |  |              |         |              |         |              |         |              |         |                   |         |
| Total Adult/ Adolescent                |  | 1,381        | 99.4    | 1,442        | 99.7    | 1,187        | 99.7    | 1,272        | 99.1    | 837               | 99.8    |
| Pediatric <sup>8</sup>                 |  | 8            | 0.6     | 4            | 0.3     | 3            | 0.3     | 11           | 0.9     | 2                 | 0.2     |
| <b>Total</b>                           |  | <b>1,389</b> |         | <b>1,446</b> |         | <b>1,190</b> |         | <b>1,283</b> |         | <b>839</b>        |         |

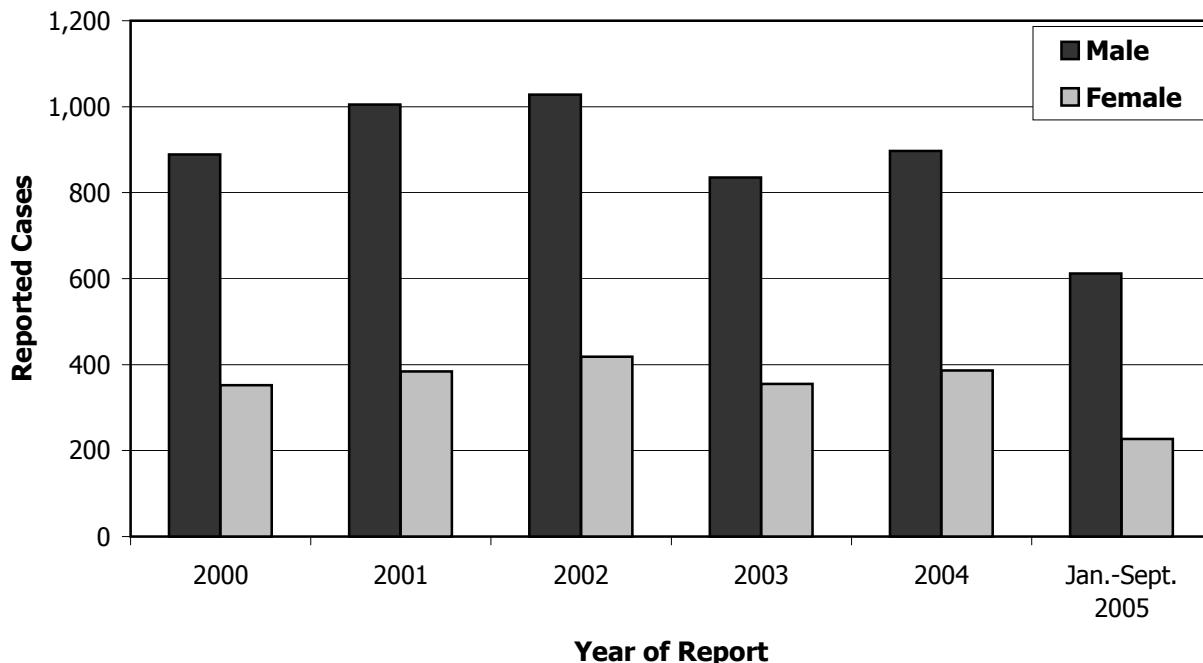
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**Virginia Department of Health**  
**Division of HIV, STD, and Pharmacy Services**  
**Quarterly Surveillance Report**  
**Data Reported through September 30, 2005**

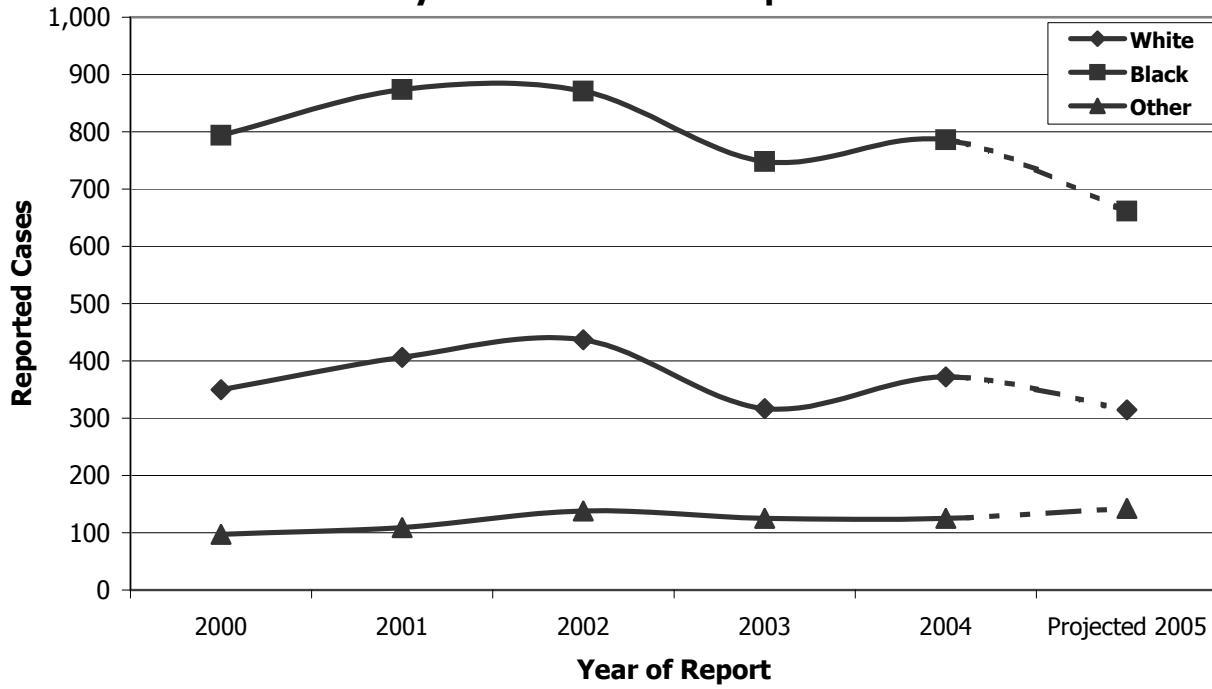
Table 6. HIV Infection (HIV and AIDS Unduplicated) by Year of Report

|   | Pre 2000      |      | 2000         |      | 2001         |      | 2002         |      | 2003         |      | 2004         |      | Jan.-Sept. 2005 |      | Total         |      |
|---|---------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|-----------------|------|---------------|------|
| Gender                                      | Cases         | %    | Cases        | %    | Cases        | %    | Cases        | %    | Cases        | %    | Cases        | %    | Cases           | %    | Cases         | %    |
| Male  | 15,217        | 78.9 | 889          | 71.6 | 1,005        | 72.4 | 1,028        | 71.1 | 835          | 70.2 | 897          | 69.9 | 612             | 72.9 | 20,483        | 76.8 |
| Female                                      | 4072          | 21.1 | 352          | 28.4 | 384          | 27.6 | 418          | 28.9 | 355          | 29.8 | 386          | 30.1 | 227             | 27.1 | 6,194         | 23.2 |
| <b>Total</b>                                | <b>19,289</b> |      | <b>1,241</b> |      | <b>1,389</b> |      | <b>1,446</b> |      | <b>1,190</b> |      | <b>1,283</b> |      | <b>839</b>      |      | <b>26,677</b> |      |
| Race  |               |      |              |      |              |      |              |      |              |      |              |      |                 |      |               |      |
| White                                       | 7,307         | 37.9 | 350          | 28.2 | 406          | 29.2 | 437          | 30.2 | 317          | 26.6 | 372          | 29.0 | 236             | 28.1 | 9,425         | 35.3 |
| Black                                       | 11,182        | 58.0 | 794          | 64.0 | 874          | 62.9 | 871          | 60.2 | 748          | 62.9 | 786          | 61.3 | 496             | 59.1 | 15,751        | 59.0 |
| Hispanic                                    | 617           | 3.2  | 69           | 5.6  | 83           | 6.0  | 106          | 7.3  | 98           | 8.2  | 98           | 7.6  | 93              | 11.1 | 1,164         | 4.4  |
| Asian/Pacific Islander                      | 112           | 0.6  | 20           | 1.6  | 14           | 1.0  | 16           | 1.1  | 13           | 1.1  | 15           | 1.2  | 11              | 1.3  | 201           | 0.8  |
| American Indian/Alaskan Native              | 15            | 0.1  | 0            | 0.0  | 1            | 0.1  | 3            | 0.2  | 1            | 0.1  | 4            | 0.3  | 0               | 0.0  | 24            | 0.1  |
| Other/Not Reported                          | 56            | 0.3  | 8            | 0.6  | 11           | 0.8  | 13           | 0.9  | 13           | 1.1  | 8            | 0.6  | 3               | 0.4  | 112           | 0.4  |
| <b>Total</b>                                | <b>19,289</b> |      | <b>1,241</b> |      | <b>1,389</b> |      | <b>1,446</b> |      | <b>1,190</b> |      | <b>1,283</b> |      | <b>839</b>      |      | <b>26,677</b> |      |
| Age at Diagnosis <sup>2</sup>               |               |      |              |      |              |      |              |      |              |      |              |      |                 |      |               |      |
| 0 - 12                                      | 238           | 1.2  | 7            | 0.6  | 7            | 0.5  | 4            | 0.3  | 3            | 0.3  | 10           | 0.8  | 2               | 0.2  | 271           | 1.0  |
| 13 - 19                                     | 424           | 2.2  | 32           | 2.6  | 44           | 3.2  | 39           | 2.7  | 38           | 3.2  | 40           | 3.1  | 20              | 2.4  | 637           | 2.4  |
| 20 - 29                                     | 5334          | 27.7 | 291          | 23.4 | 304          | 21.9 | 328          | 22.7 | 266          | 22.4 | 300          | 23.4 | 219             | 26.1 | 7,042         | 26.4 |
| 30 - 39                                     | 8,025         | 41.6 | 505          | 40.7 | 506          | 36.4 | 527          | 36.4 | 444          | 37.3 | 438          | 34.1 | 258             | 30.8 | 10,703        | 40.1 |
| 40 - 49                                     | 3891          | 20.2 | 283          | 22.8 | 361          | 26.0 | 380          | 26.3 | 313          | 26.3 | 322          | 25.1 | 206             | 24.6 | 5,756         | 21.6 |
| 50 +  | 1376          | 7.1  | 123          | 9.9  | 166          | 12.0 | 168          | 11.6 | 126          | 10.6 | 171          | 13.3 | 132             | 15.7 | 2,262         | 8.5  |
| Not Reported                                | 1             | 0.0  | 0            | 0.0  | 1            | 0.1  | 0            | 0.0  | 0            | 0.0  | 2            | 0.2  | 2               | 0.2  | 6             | 0.0  |
| <b>Total</b>                                | <b>19,289</b> |      | <b>1,241</b> |      | <b>1,389</b> |      | <b>1,446</b> |      | <b>1,190</b> |      | <b>1,283</b> |      | <b>839</b>      |      | <b>26,677</b> |      |
| Transmission Risk                           |               |      |              |      |              |      |              |      |              |      |              |      |                 |      |               |      |
| MSM <sup>3</sup>                            | 8,684         | 45.0 | 445          | 35.9 | 497          | 35.8 | 508          | 35.1 | 439          | 36.9 | 449          | 35.0 | 297             | 35.4 | 11,319        | 42.4 |
| IDU   | 3559          | 18.5 | 122          | 9.8  | 162          | 11.7 | 127          | 8.8  | 80           | 6.7  | 90           | 7.0  | 49              | 5.8  | 4,189         | 15.7 |
| MSM/IDU                                     | 1136          | 5.9  | 34           | 2.7  | 28           | 2.0  | 27           | 1.9  | 18           | 1.5  | 26           | 2.0  | 13              | 1.5  | 1,282         | 4.8  |
| Hemophilia                                  | 123           | 0.6  | 3            | 0.2  | 3            | 0.2  | 2            | 0.1  | 2            | 0.2  | 1            | 0.1  | 0               | 0.0  | 134           | 0.5  |
| Heterosexual Contact <sup>4</sup>           | 3063          | 15.9 | 267          | 21.5 | 291          | 21.0 | 291          | 20.1 | 242          | 20.3 | 182          | 14.2 | 100             | 11.9 | 4,436         | 16.6 |
| Transfusion <sup>5</sup>                    | 305           | 1.6  | 9            | 0.7  | 9            | 0.6  | 7            | 0.5  | 1            | 0.1  | 6            | 0.5  | 6               | 0.7  | 343           | 1.3  |
| Multiple Heterosexual Contacts <sup>6</sup> | 609           | 3.2  | 44           | 3.5  | 46           | 3.3  | 22           | 1.5  | 22           | 1.8  | 34           | 2.7  | 29              | 3.5  | 806           | 3.0  |
| Undetermined/Not Reported <sup>7</sup>      | 1564          | 8.1  | 310          | 25.0 | 345          | 24.8 | 458          | 31.7 | 383          | 32.2 | 484          | 37.7 | 343             | 40.9 | 3,887         | 14.6 |
| Pediatric <sup>8</sup>                      | 246           | 1.3  | 7            | 0.6  | 8            | 0.6  | 4            | 0.3  | 3            | 0.3  | 11           | 0.9  | 2               | 0.2  | 281           | 1.1  |
| <b>Total</b>                                | <b>19,289</b> |      | <b>1,241</b> |      | <b>1,389</b> |      | <b>1,446</b> |      | <b>1,190</b> |      | <b>1,283</b> |      | <b>839</b>      |      | <b>26,677</b> |      |
| Health Region                               |               |      |              |      |              |      |              |      |              |      |              |      |                 |      |               |      |
| Northwest                                   | 1194          | 6.2  | 66           | 5.3  | 125          | 9.0  | 102          | 7.1  | 69           | 5.8  | 89           | 6.9  | 72              | 8.6  | 1,717         | 6.4  |
| Northern                                    | 5206          | 27.0 | 391          | 31.5 | 419          | 30.2 | 526          | 36.4 | 393          | 33.0 | 386          | 30.1 | 258             | 30.8 | 7,579         | 28.4 |
| Southwest                                   | 1636          | 8.5  | 97           | 7.8  | 99           | 7.1  | 91           | 6.3  | 83           | 7.0  | 116          | 9.0  | 48              | 5.7  | 2,170         | 8.1  |
| Central                                     | 4742          | 24.6 | 245          | 19.7 | 275          | 19.8 | 340          | 23.5 | 303          | 25.5 | 275          | 21.4 | 207             | 24.7 | 6,387         | 23.9 |
| Eastern                                     | 6511          | 33.8 | 442          | 35.6 | 471          | 33.9 | 387          | 26.8 | 342          | 28.7 | 417          | 32.5 | 254             | 30.3 | 8,824         | 33.1 |
| <b>Total</b>                                | <b>19,289</b> |      | <b>1,241</b> |      | <b>1,389</b> |      | <b>1,446</b> |      | <b>1,190</b> |      | <b>1,283</b> |      | <b>839</b>      |      | <b>26,677</b> |      |

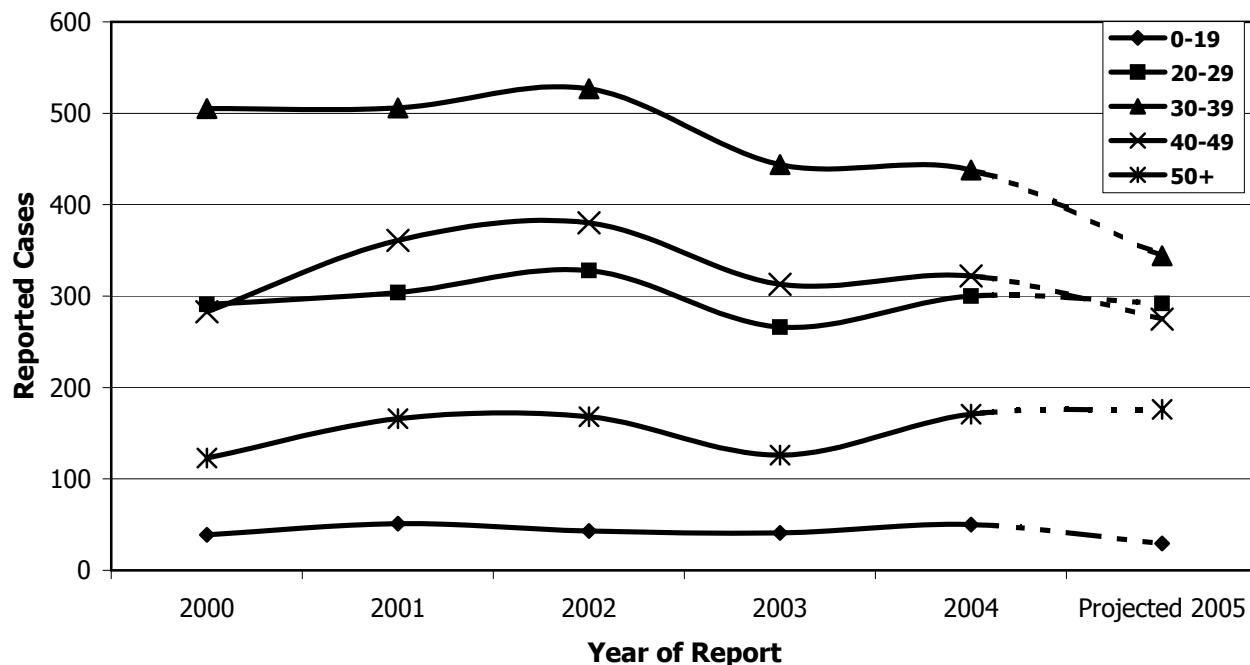
**Figure A. HIV Infection (HIV and AIDS Unduplicated)  
by Gender and Year of Report**



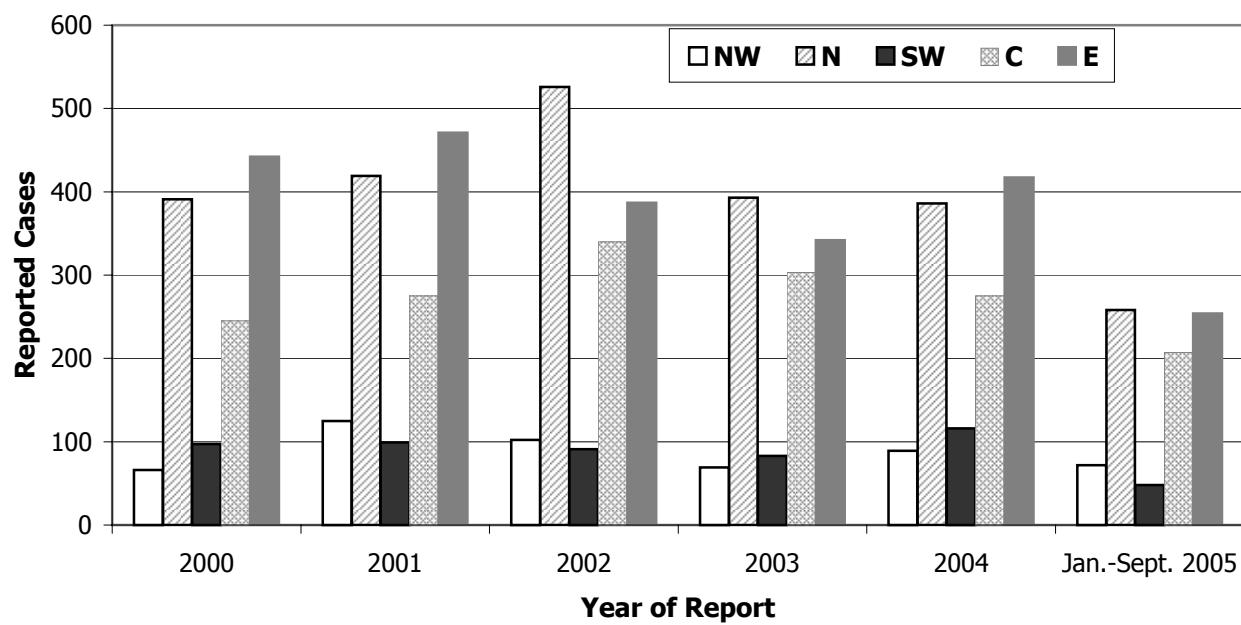
**Figure B. HIV Infection (HIV and AIDS Unduplicated)  
by Race and Year of Report**



**Figure C. HIV Infection (HIV and AIDS Unduplicated)  
by Age Group and Year of Report**



**Figure D. HIV Infection (HIV and AIDS Unduplicated)  
by Region and Year of Report**



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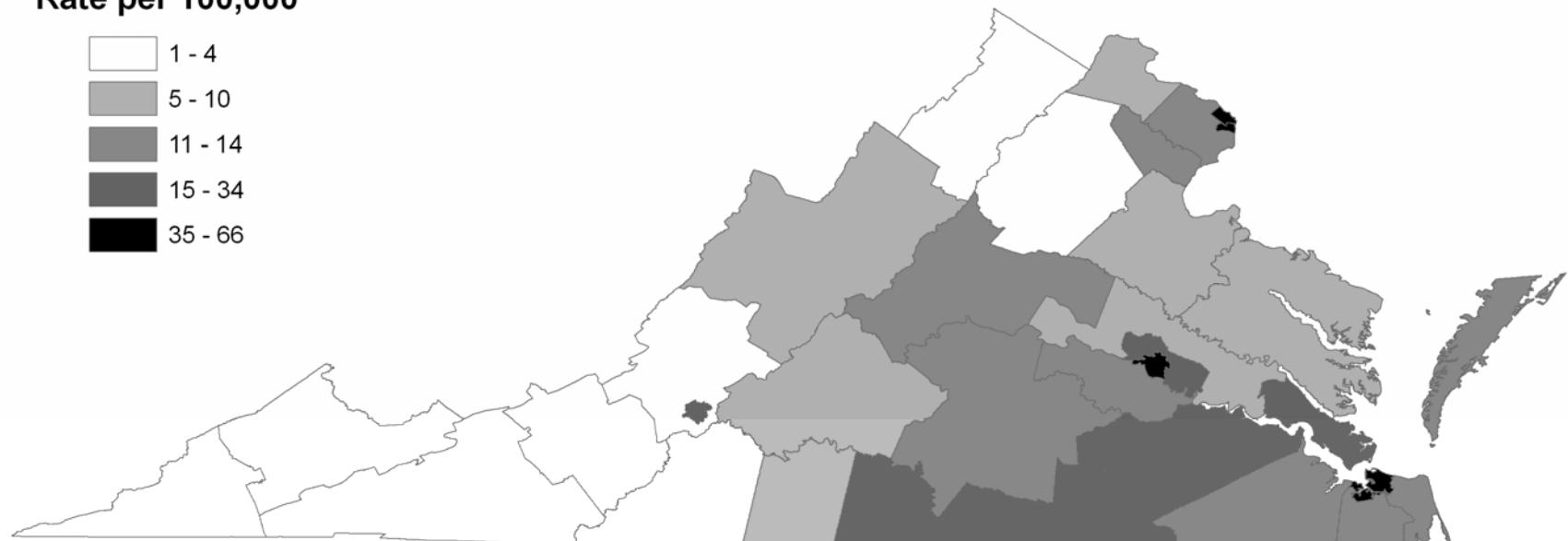
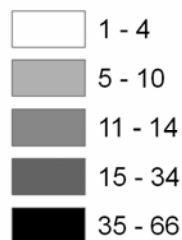
Table 7. HIV Infection (HIV and AIDS Unduplicated) by Year of Report - 5 Year Average<sup>11</sup>

|                         | <b>Jan. - Sept.<br/>2001</b> | <b>Jan. - Sept.<br/>2002</b> | <b>Jan. - Sept.<br/>2003</b> | <b>Jan. - Sept.<br/>2004</b> | <b>Jan. - Sept.<br/>2005</b> | <b>5 Year<br/>Average</b> |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------|
| <b>Northwest Region</b> |                              |                              |                              |                              |                              |                           |
| Central Shenandoah      | 15                           | 5                            | 7                            | 14                           | 18                           | 11.8                      |
| Lord Fairfax            | 13                           | 10                           | 7                            | 8                            | 7                            | 9.0                       |
| Rappahannock            | 14                           | 20                           | 8                            | 25                           | 23                           | 18.0                      |
| Rappahannock/Rapidan    | 15                           | 12                           | 5                            | 7                            | 5                            | 8.8                       |
| Thomas Jefferson        | 32                           | 7                            | 10                           | 13                           | 19                           | 16.2                      |
| <b>Total</b>            | <b>89</b>                    | <b>54</b>                    | <b>37</b>                    | <b>67</b>                    | <b>72</b>                    | <b>63.8</b>               |
| <b>Northern Region</b>  |                              |                              |                              |                              |                              |                           |
| Alexandria              | 52                           | 76                           | 62                           | 52                           | 53                           | 59.0                      |
| Arlington               | 82                           | 67                           | 71                           | 71                           | 51                           | 68.4                      |
| Fairfax                 | 119                          | 176                          | 116                          | 112                          | 111                          | 126.8                     |
| Loudoun                 | 5                            | 17                           | 11                           | 16                           | 12                           | 12.2                      |
| Prince William          | 41                           | 44                           | 33                           | 55                           | 31                           | 40.8                      |
| <b>Total</b>            | <b>299</b>                   | <b>380</b>                   | <b>293</b>                   | <b>306</b>                   | <b>258</b>                   | <b>307.2</b>              |
| <b>Southwest Region</b> |                              |                              |                              |                              |                              |                           |
| Alleghany               | 4                            | 3                            | 6                            | 6                            | 2                            | 4.2                       |
| Central Virginia        | 16                           | 14                           | 14                           | 21                           | 13                           | 15.6                      |
| Cumberland Plateau      | 2                            | 1                            | 1                            | 1                            | 1                            | 1.2                       |
| Lenowisco               | 2                            | 2                            | 2                            | 4                            | 1                            | 2.2                       |
| Mount Rogers            | 3                            | 6                            | 8                            | 5                            | 3                            | 5.0                       |
| New River               | 3                            | 0                            | 3                            | 6                            | 3                            | 3.0                       |
| Pittsylvania/Danville   | 12                           | 12                           | 5                            | 6                            | 6                            | 8.2                       |
| Roanoke                 | 12                           | 13                           | 18                           | 24                           | 18                           | 17.0                      |
| West Piedmont           | 1                            | 4                            | 4                            | 8                            | 1                            | 3.6                       |
| <b>Total</b>            | <b>55</b>                    | <b>55</b>                    | <b>61</b>                    | <b>81</b>                    | <b>48</b>                    | <b>60.0</b>               |
| <b>Central Region</b>   |                              |                              |                              |                              |                              |                           |
| Chesterfield            | 18                           | 24                           | 29                           | 28                           | 18                           | 23.4                      |
| Crater                  | 34                           | 55                           | 45                           | 28                           | 21                           | 36.6                      |
| Hanover                 | 12                           | 9                            | 7                            | 4                            | 7                            | 7.8                       |
| Henrico                 | 22                           | 17                           | 36                           | 30                           | 45                           | 30.0                      |
| Piedmont                | 11                           | 16                           | 10                           | 8                            | 8                            | 10.6                      |
| Richmond                | 98                           | 97                           | 106                          | 63                           | 93                           | 91.4                      |
| Southside               | 13                           | 19                           | 12                           | 10                           | 15                           | 13.8                      |
| <b>Total</b>            | <b>208</b>                   | <b>237</b>                   | <b>245</b>                   | <b>171</b>                   | <b>207</b>                   | <b>213.6</b>              |
| <b>Eastern Region</b>   |                              |                              |                              |                              |                              |                           |
| Chesapeake              | 37                           | 17                           | 21                           | 10                           | 22                           | 21.4                      |
| Eastern Shore           | 6                            | 5                            | 8                            | 6                            | 5                            | 6.0                       |
| Hampton                 | 39                           | 23                           | 19                           | 22                           | 28                           | 26.2                      |
| Norfolk                 | 95                           | 91                           | 82                           | 109                          | 64                           | 88.2                      |
| Peninsula               | 66                           | 43                           | 43                           | 48                           | 40                           | 48.0                      |
| Portsmouth              | 34                           | 35                           | 34                           | 27                           | 31                           | 32.2                      |
| Three Rivers            | 13                           | 11                           | 11                           | 9                            | 6                            | 10.0                      |
| Virginia Beach          | 40                           | 53                           | 36                           | 58                           | 44                           | 46.2                      |
| Western Tidewater       | 13                           | 17                           | 10                           | 25                           | 14                           | 15.8                      |
| <b>Total</b>            | <b>343</b>                   | <b>295</b>                   | <b>264</b>                   | <b>314</b>                   | <b>254</b>                   | <b>294.0</b>              |
| <b>Virginia Total</b>   | <b>994</b>                   | <b>1,021</b>                 | <b>900</b>                   | <b>939</b>                   | <b>839</b>                   | <b>938.6</b>              |

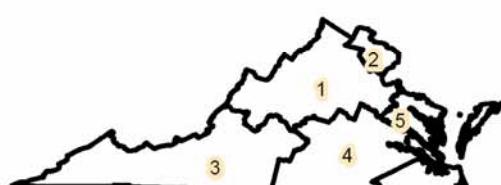
Virginia Department of Health  
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**Figure E. HIV Infection  
(HIV and AIDS Unduplicated\*) by Health District  
Rate per 100,000 Population  
Reported Oct. 2004-Sept 2005**

**Rate per 100,000**



**Health Regions**



- Central (Region 4)
- Eastern (Region 5)
- Northern (Region 2)
- Northwest (Region 1)
- Southwest (Region 3)

Equal to new HIV case reports plus new AIDS case reports that were not reported as HIV.

Population Estimate, July 1, 2004  
Source: Population Division, U.S. Census Bureau

**Virginia Department of Health**  
**Division of HIV, STD, and Pharmacy Services**  
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**UNITED STATES DATA**

**Table 8. Cases and Incidence Rates (per 100,000 population) of HIV Infection (not AIDS)\*, by Persons' Area of Residence and Age Category, Reported through December 2003, from Areas with Confidential Name-Based HIV Infection Reporting**

| <b>Area of Residence<br/>(Date HIV reporting initiated)</b> | <b>2003</b>  |             | <b>Cumulative through 2003</b> |                  |              |
|---|--------------|-------------|--------------------------------|------------------|--------------|
|   | <b>Cases</b> | <b>Rate</b> | <b>Adult/<br/>Adolescents</b>  | <b>Pediatric</b> | <b>Total</b> |
| 1. New York (June 2000)                                     | 8,403        | 43.7        | 34,194                         | 1,868            | 36,062       |
| 2. Florida (July 1997)                                      | 5,467        | 31.4        | 31,191                         | 306              | 31,497       |
| 3. Puerto Rico (Jan. 2003)                                  | 951          | 24.4        | 965                            | 10               | 975          |
| 4. U.S. Virgin Islands (Dec. 1998)                          | 25           | 22.9        | 243                            | 6                | 249          |
| 5. Pennsylvania (Oct. 2002)                                 | 2,665        | 21.5        | 3,258                          | 45               | 3,303        |
| 6. Texas (Jan. 1999)  | 4,292        | 19.1        | 18,023                         | 375              | 18,398       |
| 7. Louisiana (Feb. 1993)                                    | 787          | 17.4        | 8,030                          | 134              | 8,164        |
| 8. New Jersey (Jan. 1992)                                   | 1,361        | 15.7        | 16,382                         | 423              | 16,805       |
| 9. North Carolina (Feb. 1990)                               | 1,315        | 15.4        | 12,453                         | 133              | 12,586       |
| 10. South Carolina (Feb. 1986)                              | 539          | 12.8        | 7,527                          | 108              | 7,635        |
| 11. Mississippi (Oct. 1987)                                 | 354          | 12.2        | 4,548                          | 54               | 4,602        |
| 12. Tennessee (Jan. 1992)                                   | 696          | 11.8        | 6,812                          | 85               | 6,897        |
| 13. Alabama (Jan. 1998)                                     | 501          | 11.1        | 6,065                          | 45               | 6,110        |
| <b>14. Virginia** (July 1989)</b>                           | <b>723</b>   | <b>9.7</b>  | <b>9,555</b>                   | <b>81</b>        | <b>9,636</b> |
| 15. Nevada (Feb. 1992)                                      | 221          | 9.5         | 3,488                          | 22               | 3,510        |
| <br>  |              |             |                                |                  |              |
| Total   | 33,301       |             | 216,486                        | 4,579            | 221,065      |

**Table 9. AIDS Cases and Rates (per 100,000 population), by Area of Residence and Age Category, Reported through December 2003 - United States**

| <b>STATE</b>            | <b>2003</b>  |             | <b>Cumulative through 2003</b> |                  |               |
|-------------------------|--------------|-------------|--------------------------------|------------------|---------------|
|                         | <b>Cases</b> | <b>Rate</b> | <b>Adult/<br/>Adolescents</b>  | <b>Pediatric</b> | <b>Total</b>  |
| 1. District of Columbia | 961          | 170.6       | 15,660                         | 181              | 15,841        |
| 2. New York             | 6,684        | 34.8        | 160,109                        | 2,337            | 162,446       |
| 3. U.S. Virgin Islands  | 34           | 31.2        | 585                            | 18               | 603           |
| 4. Maryland             | 1,570        | 28.5        | 26,606                         | 312              | 26,918        |
| 5. Puerto Rico          | 1,065        | 27.5        | 27,903                         | 398              | 28,301        |
| 6. Florida              | 4,666        | 27.4        | 93,235                         | 1,490            | 94,725        |
| 7. Delaware             | 213          | 26.1        | 15,660                         | 181              | 15,841        |
| 8. Louisiana            | 1,041        | 23.2        | 15,519                         | 134              | 15,653        |
| 9. Georgia              | 1,907        | 22.0        | 27,697                         | 218              | 27,915        |
| 10. Connecticut         | 736          | 21.1        | 13,284                         | 180              | 13,464        |
| 11. South Carolina      | 774          | 18.7        | 11,724                         | 94               | 11,818        |
| 12. Mississippi         | 508          | 17.6        | 5,742                          | 57               | 5,799         |
| 13. New Jersey          | 1,516        | 17.5        | 45,936                         | 767              | 46,703        |
| 14. California          | 5,903        | 16.6        | 132,650                        | 642              | 133,292       |
| 15. Pennsylvania        | 1,895        | 15.3        | 29,639                         | 349              | 29,988        |
| :                       |              |             |                                |                  |               |
| <b>24. Virginia**</b>   | <b>777</b>   | <b>10.5</b> | <b>15,544</b>                  | <b>179</b>       | <b>15,723</b> |
| <br>                    |              |             |                                |                  |               |
| Total                   | 44,963       | 15.2        | 892,875                        | 9,348            | 902,223       |

\* Includes only persons with HIV infection that has not progressed to AIDS. Includes data from 36 states and from U.S. dependencies, possessions, and independent nations in free association with the United States

\*\* National statistics reported for Virginia vary slightly from state statistics because report periods differ

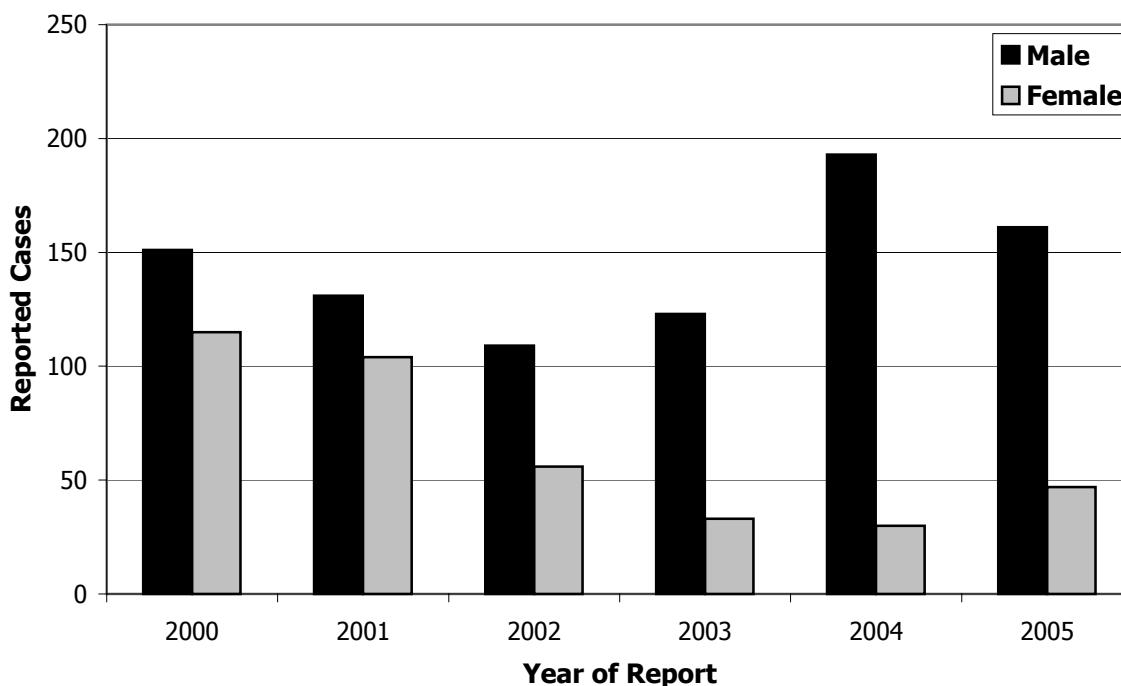
Source: CDC HIV/AIDS Surveillance Report, Vol. 14. Data through December 2003.

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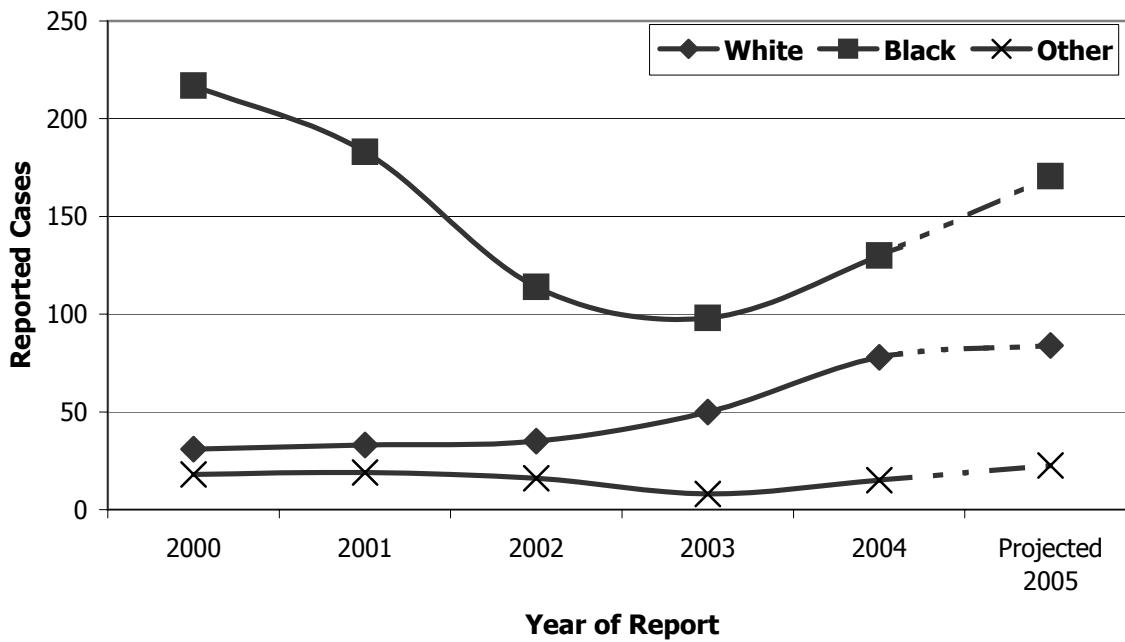
Table 10. Total Early Syphilis Cases by Year of Report

|                                     | 1999  |         | 2000  |         | 2001  |         | 2002  |         | 2003  |         | 2004  |         | Jan. - Sept. 2005 |         |
|-------------------------------------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------------------|---------|
| <b>Gender</b>                       | Cases | Percent | Cases             | Percent |
| Male                                | 173   | 47.5    | 151   | 56.8    | 131   | 55.7    | 109   | 66.1    | 123   | 78.8    | 193   | 86.5    | 161               | 77.4    |
| Female                              | 191   | 52.5    | 115   | 43.2    | 104   | 44.3    | 56    | 33.9    | 33    | 21.2    | 30    | 13.5    | 47                | 22.6    |
| <b>Total</b>                        | 364   |         | 266   |         | 235   |         | 165   |         | 156   |         | 223   |         | 208               |         |
| <b>Race/Ethnicity</b>               |       |         |       |         |       |         |       |         |       |         |       |         |                   |         |
| White                               | 36    | 9.9     | 31    | 11.7    | 33    | 14.0    | 35    | 21.2    | 50    | 32.1    | 78    | 35.0    | 63                | 30.3    |
| Black                               | 310   | 85.2    | 217   | 81.6    | 183   | 77.9    | 114   | 69.1    | 98    | 62.8    | 130   | 58.3    | 128               | 61.5    |
| Hispanic                            | 12    | 3.3     | 13    | 4.9     | 10    | 4.3     | 11    | 6.7     | 7     | 4.5     | 11    | 4.9     | 17                | 8.2     |
| Asian/Pacific Islander              | 5     | 1.4     | 2     | 0.8     | 0     | 0.0     | 2     | 1.2     | 0     | 0.0     | 0     | 0.0     | 0                 | 0.0     |
| American Indian/Alaskan Native      | 0     | 0.0     | 0     | 0.0     | 0     | 0.0     | 0     | 0.0     | 0     | 0.0     | 0     | 0.0     | 0                 | 0.0     |
| Other                               | 0     | 0.0     | 0     | 0.0     | 2     | 0.9     | 1     | 0.6     | 0     | 0.0     | 2     | 0.9     | 0                 | 0.0     |
| Not Reported                        | 1     | 0.3     | 3     | 1.1     | 7     | 3.0     | 2     | 1.2     | 1     | 0.6     | 2     | 0.9     | 0                 | 0.0     |
| <b>Total</b>                        | 364   |         | 266   |         | 235   |         | 165   |         | 156   |         | 223   |         | 208               |         |
| <b>Age at Diagnosis<sup>2</sup></b> |       |         |       |         |       |         |       |         |       |         |       |         |                   |         |
| 0 - 9                               | 0     | 0.0     | 0     | 0.0     | 0     | 0.0     | 0     | 0.0     | 0     | 0.0     | 0     | 0.0     | 0                 | 0.0     |
| 10 - 19                             | 23    | 6.3     | 17    | 6.4     | 10    | 4.3     | 14    | 8.5     | 5     | 3.2     | 11    | 4.9     | 15                | 7.2     |
| 20 - 29                             | 100   | 27.5    | 57    | 21.4    | 56    | 23.8    | 47    | 28.5    | 42    | 26.9    | 62    | 27.8    | 68                | 32.7    |
| 30 - 39                             | 135   | 37.1    | 97    | 36.5    | 90    | 38.3    | 46    | 27.9    | 57    | 36.5    | 79    | 35.4    | 54                | 26.0    |
| 40 - 54                             | 92    | 25.3    | 79    | 29.7    | 67    | 28.5    | 50    | 30.3    | 43    | 27.6    | 53    | 23.8    | 61                | 29.3    |
| 55+                                 | 14    | 3.8     | 15    | 5.6     | 12    | 5.1     | 8     | 4.8     | 8     | 5.1     | 17    | 7.6     | 10                | 4.8     |
| Not Reported                        | 0     | 0.0     | 1     | 0.4     | 0     | 0.0     | 0     | 0.0     | 1     | 0.6     | 1     | 0.4     | 0                 | 0.0     |
| <b>Total</b>                        | 364   |         | 266   |         | 235   |         | 165   |         | 156   |         | 223   |         | 208               |         |
| <b>Health Region</b>                |       |         |       |         |       |         |       |         |       |         |       |         |                   |         |
| Northwest                           | 6     | 1.6     | 3     | 1.1     | 7     | 3.0     | 7     | 4.2     | 6     | 3.8     | 10    | 4.5     | 14                | 6.7     |
| Northern                            | 39    | 10.7    | 29    | 10.9    | 35    | 14.9    | 50    | 30.3    | 58    | 37.2    | 68    | 30.5    | 55                | 26.4    |
| Southwest                           | 129   | 35.4    | 95    | 35.7    | 38    | 16.2    | 13    | 7.9     | 9     | 5.8     | 12    | 5.4     | 7                 | 3.4     |
| Central                             | 76    | 20.9    | 40    | 15.0    | 53    | 22.6    | 28    | 17.0    | 38    | 24.4    | 30    | 13.5    | 32                | 15.4    |
| Eastern                             | 114   | 31.3    | 99    | 37.2    | 102   | 43.4    | 67    | 40.6    | 45    | 28.8    | 103   | 46.2    | 100               | 48.1    |
| <b>Total</b>                        | 364   |         | 266   |         | 235   |         | 165   |         | 156   |         | 223   |         | 208               |         |

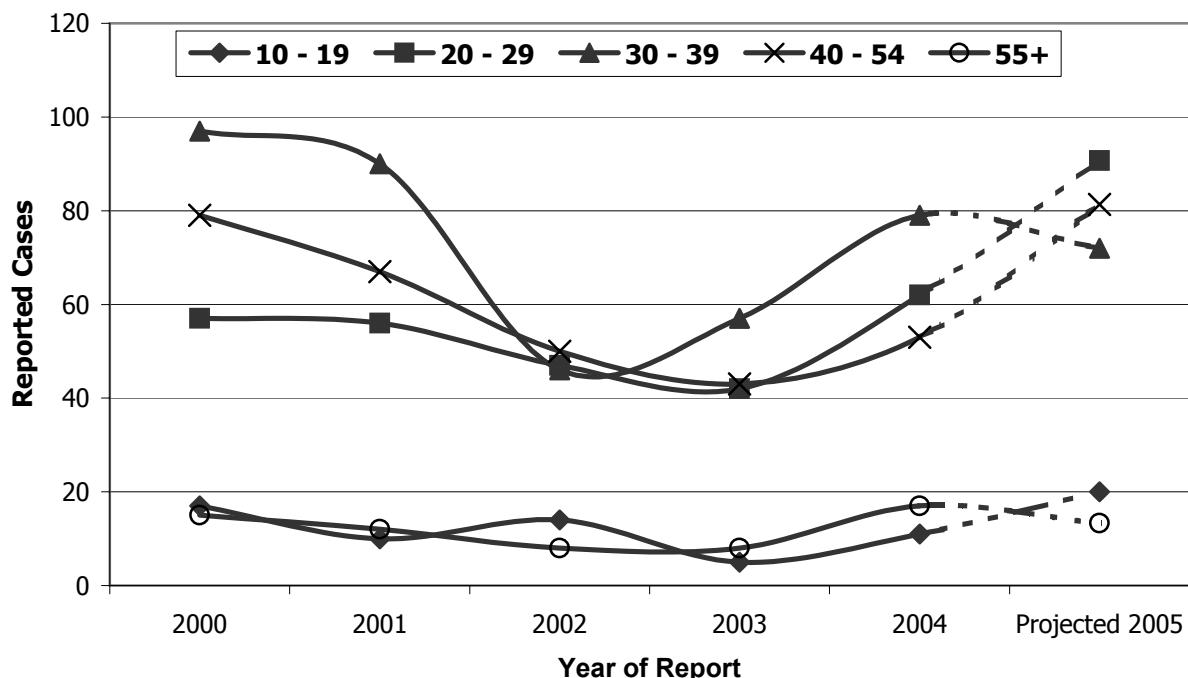
**Figure F. Total Early Syphilis by Gender and Year of Report**



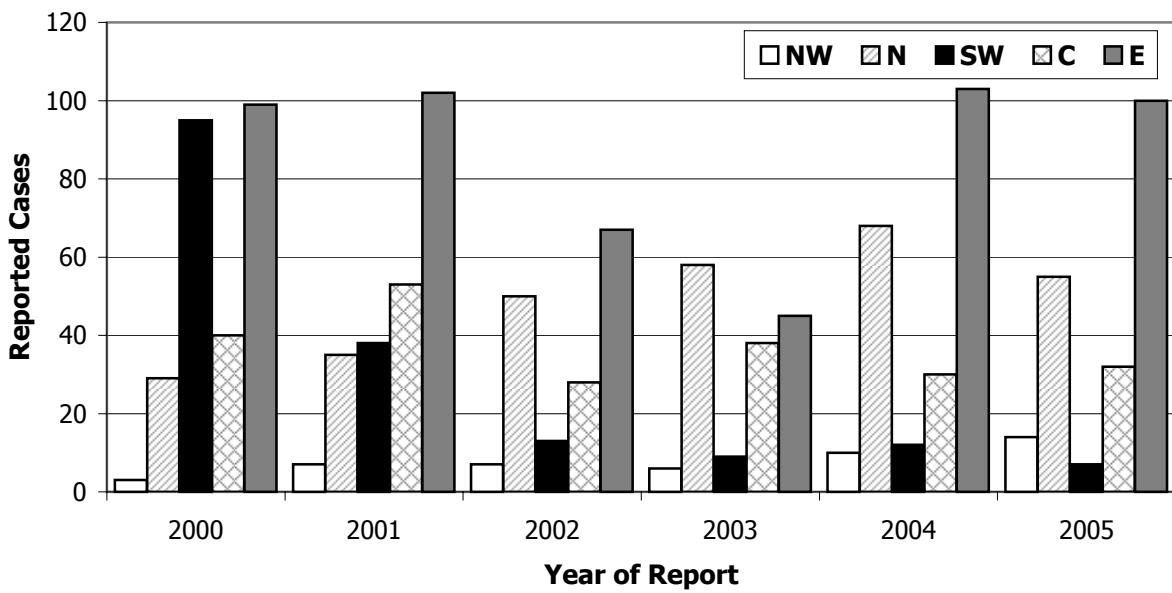
**Figure G. Total Early Syphilis by Race/Ethnicity and Year of Report**



**Figure H. Total Early Syphilis by Age Group and Year of Report**



**Figure I. Total Early Syphilis by Health Region and Year of Report**



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Table 11. Primary & Secondary Syphilis Cases by Health District - Five Year Average<sup>11</sup>

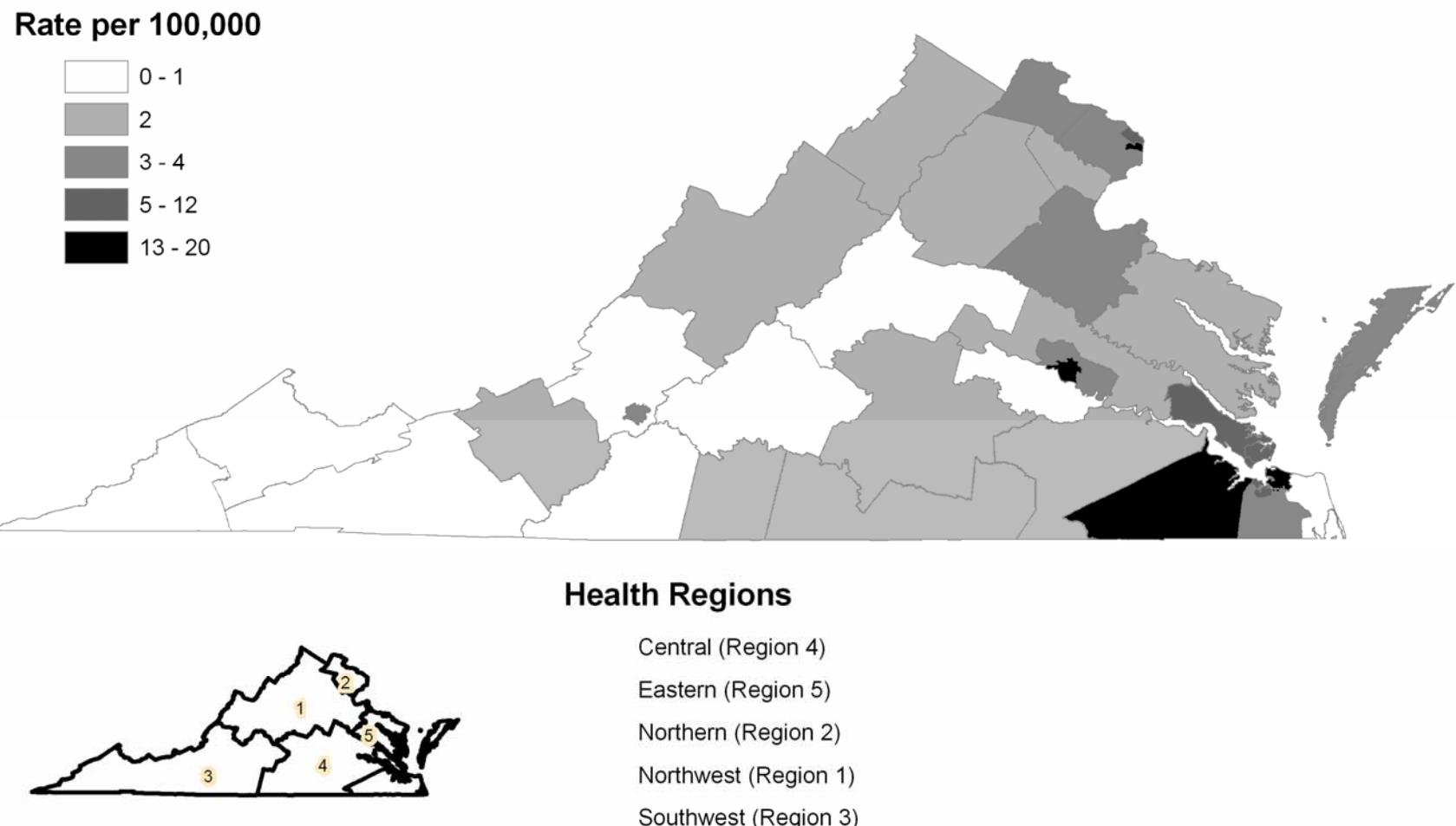
| <b>Northwest Region</b> | <b>Jan. - Sept.<br/>2001</b> | <b>Jan. - Sept.<br/>2002</b> | <b>Jan. - Sept.<br/>2003</b> | <b>Jan. - Sept.<br/>2004</b> | <b>Jan. - Sept.<br/>2005</b> | <b>Five Year<br/>Average</b> |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Central Shenandoah      | 1                            | 0                            | 1                            | 1                            | 2                            | 1.0                          |
| Lord Fairfax            | 1                            | 0                            | 1                            | 0                            | 1                            | 0.6                          |
| Rappahannock            | 1                            | 3                            | 1                            | 3                            | 4                            | 2.4                          |
| Rappahannock/Rapidan    | 0                            | 1                            | 1                            | 2                            | 1                            | 1.0                          |
| Thomas Jefferson        | 0                            | 0                            | 1                            | 0                            | 0                            | 0.2                          |
| <b>Total</b>            | <b>3</b>                     | <b>4</b>                     | <b>5</b>                     | <b>6</b>                     | <b>8</b>                     | <b>5.2</b>                   |
| <b>Northern Region</b>  |                              |                              |                              |                              |                              |                              |
| Alexandria              | 1                            | 7                            | 7                            | 6                            | 10                           | 6.2                          |
| Arlington               | 10                           | 3                            | 9                            | 10                           | 7                            | 7.8                          |
| Fairfax                 | 3                            | 4                            | 11                           | 5                            | 16                           | 7.8                          |
| Loudoun                 | 0                            | 1                            | 1                            | 0                            | 1                            | 0.6                          |
| Prince William          | 0                            | 0                            | 2                            | 4                            | 3                            | 1.8                          |
| <b>Total</b>            | <b>14</b>                    | <b>15</b>                    | <b>30</b>                    | <b>25</b>                    | <b>37</b>                    | <b>24.2</b>                  |
| <b>Southwest Region</b> |                              |                              |                              |                              |                              |                              |
| Alleghany               | 0                            | 0                            | 0                            | 2                            | 1                            | 0.6                          |
| Central Virginia        | 0                            | 0                            | 1                            | 0                            | 1                            | 0.4                          |
| Cumberland Plateau      | 0                            | 0                            | 0                            | 0                            | 0                            | 0.0                          |
| Lenowisco               | 0                            | 0                            | 0                            | 0                            | 0                            | 0.0                          |
| Mount Rogers            | 1                            | 0                            | 0                            | 0                            | 0                            | 0.2                          |
| New River               | 0                            | 0                            | 0                            | 0                            | 1                            | 0.2                          |
| Pittsylvania/Danville   | 9                            | 0                            | 0                            | 1                            | 0                            | 2.0                          |
| Roanoke                 | 0                            | 0                            | 1                            | 0                            | 2                            | 0.6                          |
| West Piedmont           | 0                            | 0                            | 1                            | 0                            | 0                            | 0.2                          |
| <b>Total</b>            | <b>10</b>                    | <b>0</b>                     | <b>3</b>                     | <b>3</b>                     | <b>5</b>                     | <b>4.2</b>                   |
| <b>Central Region</b>   |                              |                              |                              |                              |                              |                              |
| Chesterfield            | 1                            | 2                            | 3                            | 1                            | 0                            | 1.4                          |
| Crater                  | 0                            | 0                            | 1                            | 0                            | 0                            | 0.2                          |
| Hanover                 | 1                            | 2                            | 0                            | 2                            | 0                            | 1.0                          |
| Henrico                 | 0                            | 0                            | 3                            | 0                            | 2                            | 1.0                          |
| Piedmont                | 0                            | 0                            | 1                            | 0                            | 1                            | 0.4                          |
| Richmond                | 9                            | 2                            | 4                            | 6                            | 8                            | 5.8                          |
| Southside               | 0                            | 0                            | 0                            | 0                            | 0                            | 0.0                          |
| <b>Total</b>            | <b>11</b>                    | <b>6</b>                     | <b>12</b>                    | <b>9</b>                     | <b>11</b>                    | <b>9.8</b>                   |
| <b>Eastern Region</b>   |                              |                              |                              |                              |                              |                              |
| Chesapeake              | 7                            | 3                            | 3                            | 4                            | 1                            | 3.6                          |
| Eastern Shore           | 1                            | 0                            | 0                            | 1                            | 0                            | 0.4                          |
| Hampton                 | 1                            | 1                            | 1                            | 2                            | 2                            | 1.4                          |
| Norfolk                 | 26                           | 13                           | 5                            | 13                           | 17                           | 14.8                         |
| Peninsula               | 4                            | 0                            | 2                            | 8                            | 5                            | 3.8                          |
| Portsmouth              | 1                            | 3                            | 3                            | 2                            | 6                            | 3.0                          |
| Three Rivers            | 0                            | 0                            | 0                            | 0                            | 0                            | 0.0                          |
| Virginia Beach          | 2                            | 7                            | 3                            | 2                            | 1                            | 3.0                          |
| Western Tidewater       | 1                            | 2                            | 0                            | 3                            | 10                           | 3.2                          |
| <b>Total</b>            | <b>43</b>                    | <b>29</b>                    | <b>17</b>                    | <b>35</b>                    | <b>42</b>                    | <b>33.2</b>                  |
| <b>Virginia Total</b>   | <b>81</b>                    | <b>54</b>                    | <b>67</b>                    | <b>78</b>                    | <b>103</b>                   | <b>76.6</b>                  |

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Table 12. Total Early Syphilis Cases by Health District - Five Year Average<sup>11</sup>

| <b>Northwest Region</b> | <b>Jan. - Sept.<br/>2001</b> | <b>Jan. - Sept.<br/>2002</b> | <b>Jan. - Sept.<br/>2003</b> | <b>Jan. - Sept.<br/>2004</b> | <b>Jan. - Sept.<br/>2005</b> | <b>Five Year<br/>Average</b> |
|-------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Central Shenandoah      | 3                            | 0                            | 1                            | 2                            | 3                            | 1.8                          |
| Lord Fairfax            | 1                            | 0                            | 1                            | 0                            | 1                            | 0.6                          |
| Rappahannock            | 1                            | 4                            | 1                            | 3                            | 8                            | 3.4                          |
| Rappahannock/Rapidan    | 0                            | 1                            | 1                            | 2                            | 2                            | 1.2                          |
| Thomas Jefferson        | 2                            | 0                            | 1                            | 0                            | 0                            | 0.6                          |
| <b>Total</b>            | <b>7</b>                     | <b>5</b>                     | <b>5</b>                     | <b>7</b>                     | <b>14</b>                    | <b>7.6</b>                   |
| <b>Northern Region</b>  |                              |                              |                              |                              |                              |                              |
| Alexandria              | 7                            | 10                           | 10                           | 10                           | 11                           | 9.6                          |
| Arlington               | 12                           | 4                            | 13                           | 16                           | 13                           | 11.6                         |
| Fairfax                 | 3                            | 13                           | 18                           | 11                           | 23                           | 13.6                         |
| Loudoun                 | 0                            | 2                            | 1                            | 2                            | 4                            | 1.8                          |
| Prince William          | 1                            | 4                            | 6                            | 10                           | 4                            | 5.0                          |
| <b>Total</b>            | <b>23</b>                    | <b>33</b>                    | <b>48</b>                    | <b>49</b>                    | <b>55</b>                    | <b>41.6</b>                  |
| <b>Southwest Region</b> |                              |                              |                              |                              |                              |                              |
| Alleghany               | 0                            | 0                            | 0                            | 2                            | 1                            | 0.6                          |
| Central Virginia        | 0                            | 2                            | 1                            | 2                            | 1                            | 1.2                          |
| Cumberland Plateau      | 0                            | 0                            | 0                            | 0                            | 0                            | 0.0                          |
| Lenowisco               | 0                            | 0                            | 0                            | 0                            | 0                            | 0.0                          |
| Mount Rogers            | 1                            | 0                            | 1                            | 0                            | 0                            | 0.4                          |
| New River               | 0                            | 0                            | 0                            | 0                            | 1                            | 0.2                          |
| Pittsylvania/Danville   | 24                           | 7                            | 3                            | 4                            | 1                            | 7.8                          |
| Roanoke                 | 1                            | 0                            | 1                            | 0                            | 3                            | 1.0                          |
| West Piedmont           | 5                            | 0                            | 1                            | 0                            | 0                            | 1.2                          |
| <b>Total</b>            | <b>31</b>                    | <b>9</b>                     | <b>7</b>                     | <b>8</b>                     | <b>7</b>                     | <b>12.4</b>                  |
| <b>Central Region</b>   |                              |                              |                              |                              |                              |                              |
| Chesterfield            | 3                            | 2                            | 3                            | 1                            | 0                            | 1.8                          |
| Crater                  | 4                            | 1                            | 3                            | 2                            | 0                            | 2.0                          |
| Hanover                 | 2                            | 3                            | 1                            | 4                            | 2                            | 2.4                          |
| Henrico                 | 4                            | 4                            | 8                            | 5                            | 8                            | 5.8                          |
| Piedmont                | 0                            | 0                            | 2                            | 0                            | 1                            | 0.6                          |
| Richmond                | 34                           | 12                           | 18                           | 10                           | 20                           | 18.8                         |
| Southside               | 2                            | 2                            | 0                            | 1                            | 1                            | 1.2                          |
| <b>Total</b>            | <b>49</b>                    | <b>24</b>                    | <b>35</b>                    | <b>23</b>                    | <b>32</b>                    | <b>32.6</b>                  |
| <b>Eastern Region</b>   |                              |                              |                              |                              |                              |                              |
| Chesapeake              | 9                            | 9                            | 4                            | 9                            | 4                            | 7.0                          |
| Eastern Shore           | 1                            | 0                            | 0                            | 4                            | 0                            | 1.0                          |
| Hampton                 | 3                            | 1                            | 1                            | 5                            | 10                           | 4.0                          |
| Norfolk                 | 44                           | 24                           | 15                           | 19                           | 38                           | 28.0                         |
| Peninsula               | 8                            | 0                            | 2                            | 13                           | 19                           | 8.4                          |
| Portsmouth              | 4                            | 10                           | 6                            | 4                            | 6                            | 6.0                          |
| Three Rivers            | 1                            | 0                            | 0                            | 0                            | 0                            | 0.2                          |
| Virginia Beach          | 5                            | 8                            | 5                            | 7                            | 2                            | 5.4                          |
| Western Tidewater       | 2                            | 6                            | 0                            | 6                            | 21                           | 7.0                          |
| <b>Total</b>            | <b>77</b>                    | <b>58</b>                    | <b>33</b>                    | <b>67</b>                    | <b>100</b>                   | <b>67.0</b>                  |
| <b>Virginia Total</b>   | <b>187</b>                   | <b>129</b>                   | <b>128</b>                   | <b>154</b>                   | <b>208</b>                   | <b>161.2</b>                 |

**Figure J. Total Early Syphilis by Health District**  
**Rate per 100,000 Population**  
**Reported Oct 2004-Sept 2005**



Population Estimate, July 1, 2004  
Source: Population Division, U.S. Census Bureau

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UNITED STATES DATA

**Table 13. Primary & Secondary Syphilis Cases and Incidence Rates (per 100,000 population) - Top Ten U.S. Cities - 2004  
 Ranked by Rate Per 100,000 Population**

| <b>City</b>             | <b>Cases</b> | <b>Rate</b> |
|-------------------------|--------------|-------------|
| 1. San Francisco, CA    | 345          | 45.9        |
| 2. Atlanta, GA          | 283          | 34.6        |
| 3. Baltimore, MD        | 209          | 33.2        |
| 4. New Orleans, LA      | 77           | 16.4        |
| 5. St Louis, MO         | 47           | 14.1        |
| 6. Detroit, MI          | 126          | 13.5        |
| 7. Washington, DC       | 69           | 12.2        |
| 8. Dallas, TX           | 141          | 11.6        |
| 9. Jersey City, NJ      | 56           | 10.8        |
| 10. Chicago, IL         | 297          | 9.7         |
| :                       |              |             |
| <b>24. Norfolk, VA</b>  | <b>16</b>    | <b>6.6</b>  |
| :                       |              |             |
| <b>39. Richmond, VA</b> | <b>7</b>     | <b>3.6</b>  |
| United States Total     | 7,980        | 2.7         |

**Year 2010 Objective** **0.2**

Source: Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2004.*

**Table 14. Primary & Secondary Syphilis Cases & Rates - Top Ten States - 2004  
 Ranked by Rate Per 100,000 Population**

| <b>State</b>        | <b>Cases</b> | <b>Rate</b> |
|---------------------|--------------|-------------|
| 1. Louisiana        | 332          | 7.4         |
| 2. Maryland         | 380          | 6.9         |
| 3. Georgia          | 549          | 6.3         |
| 4. New Mexico       | 82           | 4.4         |
| 5. Florida          | 728          | 4.3         |
| 6. California       | 1,356        | 3.8         |
| 7. New York         | 727          | 3.8         |
| 8. Texas            | 827          | 3.7         |
| 9. Alabama          | 165          | 3.7         |
| 10. Illinois        | 386          | 3.1         |
| :                   |              |             |
| <b>26. Virginia</b> | <b>116</b>   | <b>1.6</b>  |
| United States Total | 7,980        | 2.7         |

**Year 2010 Objective** **0.2**

Source: Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2004.*

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Table 15. Gonorrhea Cases by Year of Report

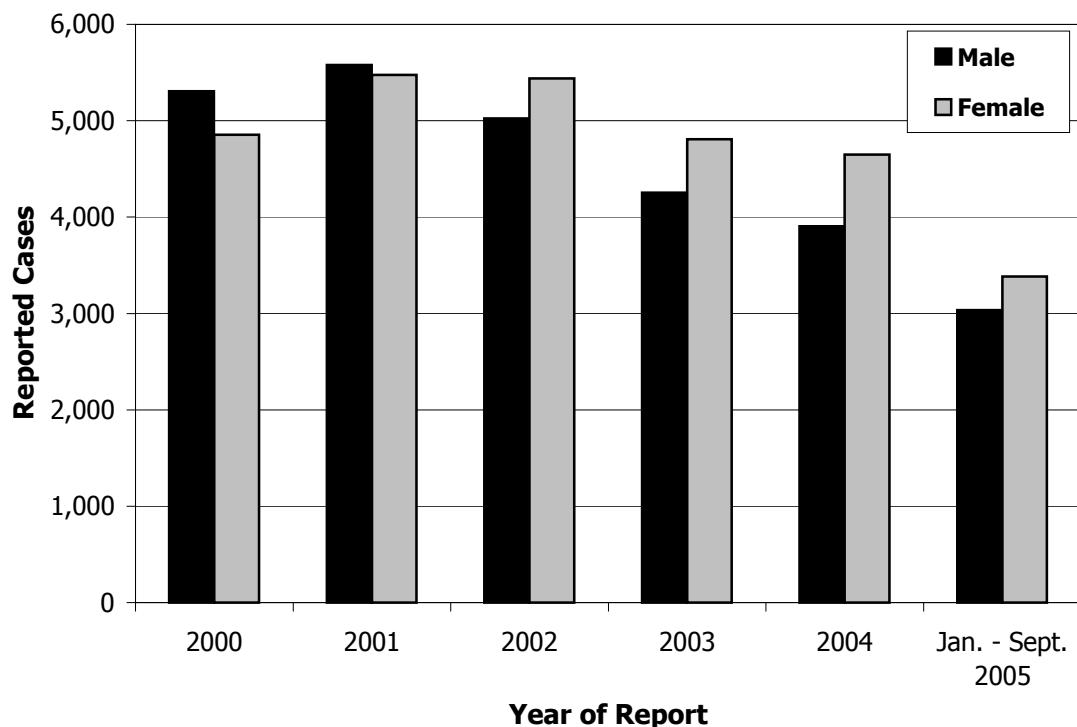
|                                     | 2000          |         | 2001          |         | 2002          |         | 2003         |         | 2004         |         | Jan. - Sept. 2005 |         |
|-------------------------------------|---------------|---------|---------------|---------|---------------|---------|--------------|---------|--------------|---------|-------------------|---------|
| Gender                              | Cases         | Percent | Cases         | Percent | Cases         | Percent | Cases        | Percent | Cases        | Percent | Cases             | Percent |
| Male                                | 5,306         | 52.2    | 5,577         | 50.3    | 5,023         | 48.0    | 4,253        | 46.9    | 3,905        | 45.6    | 3,034             | 47.3    |
| Female                              | 4,855         | 47.7    | 5,474         | 49.4    | 5,439         | 52.0    | 4,809        | 53.1    | 4,650        | 54.3    | 3,382             | 52.7    |
| Not Reported                        | 11            | 0.1     | 30            | 0.3     | 0             | 0.0     | 1            | 0.0     | 11           | 0.1     | 2                 | 0.0     |
| <b>Total</b>                        | <b>10,172</b> |         | <b>11,081</b> |         | <b>10,462</b> |         | <b>9,063</b> |         | <b>8,566</b> |         | <b>6,418</b>      |         |
| <b>Race/Ethnicity</b>               |               |         |               |         |               |         |              |         |              |         |                   |         |
| White                               | 961           | 9.4     | 1,172         | 10.6    | 1,190         | 11.4    | 1,122        | 12.4    | 1,082        | 12.6    | 838               | 13.1    |
| Black                               | 8,265         | 81.3    | 8,772         | 79.2    | 8,225         | 78.6    | 6,835        | 75.4    | 6,332        | 73.9    | 4,877             | 76.0    |
| Hispanic                            | 111           | 1.1     | 113           | 1.0     | 87            | 0.8     | 117          | 1.3     | 122          | 1.4     | 110               | 1.7     |
| Asian/Pacific Islander              | 32            | 0.3     | 29            | 0.3     | 46            | 0.4     | 46           | 0.5     | 42           | 0.5     | 31                | 0.5     |
| American Indian/Alaskan Native      | 2             | 0.0     | 2             | 0.0     | 8             | 0.1     | 4            | 0.0     | 7            | 0.1     | 2                 | 0.0     |
| Other                               | 64            | 0.6     | 90            | 0.8     | 84            | 0.8     | 88           | 1.0     | 60           | 0.7     | 35                | 0.5     |
| Not Reported                        | 737           | 7.2     | 903           | 8.1     | 822           | 7.9     | 851          | 9.4     | 921          | 10.8    | 525               | 8.2     |
| <b>Total</b>                        | <b>10,172</b> |         | <b>11,081</b> |         | <b>10,462</b> |         | <b>9,063</b> |         | <b>8,566</b> |         | <b>6,418</b>      |         |
| <b>Age at Diagnosis<sup>2</sup></b> |               |         |               |         |               |         |              |         |              |         |                   |         |
| 0 - 9                               | 11            | 0.1     | 13            | 0.1     | 5             | 0.0     | 8            | 0.1     | 9            | 0.1     | 4                 | 0.1     |
| 10 - 14                             | 151           | 1.5     | 166           | 1.5     | 156           | 1.5     | 131          | 1.4     | 102          | 1.2     | 73                | 1.1     |
| 15 - 19                             | 2,899         | 28.5    | 3,199         | 28.9    | 2,971         | 28.4    | 2,513        | 27.7    | 2,360        | 27.6    | 1,776             | 27.7    |
| 20 - 29                             | 4,730         | 46.5    | 5,234         | 47.2    | 5,100         | 48.7    | 4,500        | 49.7    | 4,262        | 49.8    | 3,246             | 50.6    |
| 30 - 39                             | 1,530         | 15.0    | 1,570         | 14.2    | 1,464         | 14.0    | 1,199        | 13.2    | 1,115        | 13.0    | 764               | 11.9    |
| 40 - 54                             | 691           | 6.8     | 713           | 6.4     | 642           | 6.1     | 612          | 6.8     | 608          | 7.1     | 478               | 7.4     |
| 55 +                                | 77            | 0.8     | 97            | 0.9     | 72            | 0.7     | 73           | 0.8     | 92           | 1.1     | 68                | 1.1     |
| Not Reported                        | 83            | 0.8     | 89            | 0.8     | 52            | 0.5     | 27           | 0.3     | 18           | 0.2     | 9                 | 0.1     |
| <b>Total</b>                        | <b>10,172</b> |         | <b>11,081</b> |         | <b>10,462</b> |         | <b>9,063</b> |         | <b>8,566</b> |         | <b>6,418</b>      |         |
| <b>Health Region</b>                |               |         |               |         |               |         |              |         |              |         |                   |         |
| Northwest                           | 448           | 4.4     | 468           | 4.2     | 462           | 4.4     | 441          | 4.9     | 629          | 7.3     | 436               | 6.8     |
| Northern                            | 735           | 7.2     | 697           | 6.3     | 674           | 6.4     | 589          | 6.5     | 667          | 7.8     | 514               | 8.0     |
| Southwest                           | 1,224         | 12.0    | 1,343         | 12.1    | 1,342         | 12.8    | 1,097        | 12.1    | 1,007        | 11.8    | 856               | 13.3    |
| Central                             | 2,868         | 28.2    | 3,485         | 31.5    | 2,955         | 28.2    | 2,456        | 27.1    | 2,283        | 26.7    | 1,861             | 29.0    |
| Eastern                             | 4,897         | 48.1    | 5,088         | 45.9    | 5,029         | 48.1    | 4,480        | 49.4    | 3,980        | 46.5    | 2,751             | 42.9    |
| <b>Total</b>                        | <b>10,172</b> |         | <b>11,081</b> |         | <b>10,462</b> |         | <b>9,063</b> |         | <b>8,566</b> |         | <b>6,418</b>      |         |

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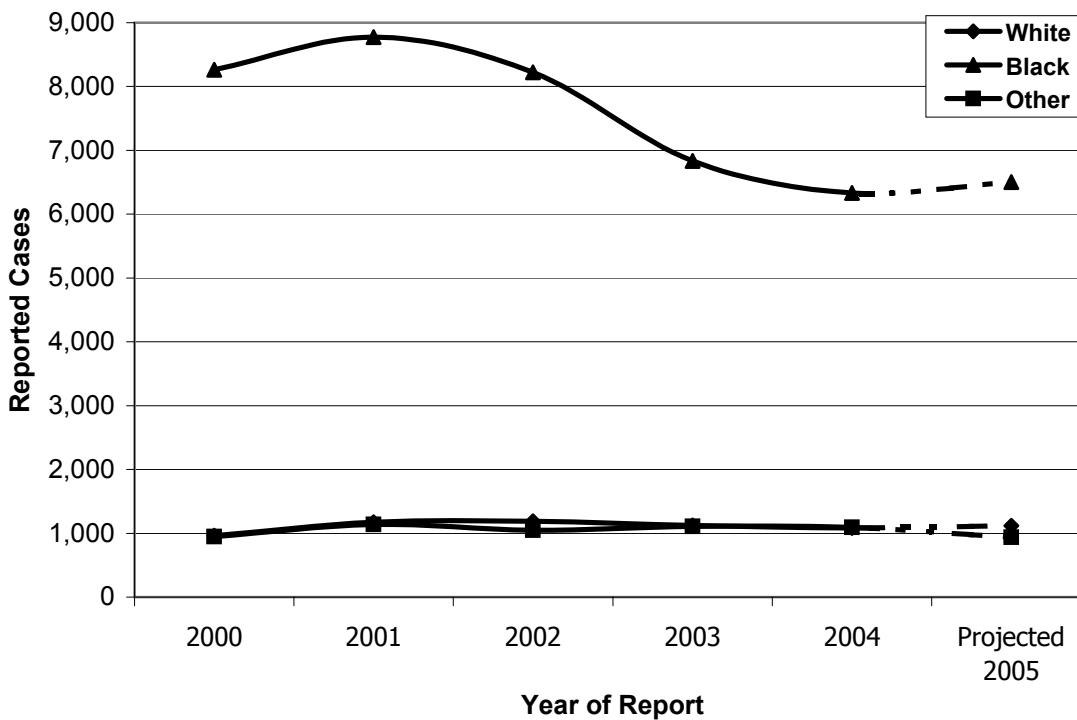
Table 16. Gonorrhea Cases by Health District - Five Year Average<sup>11</sup>

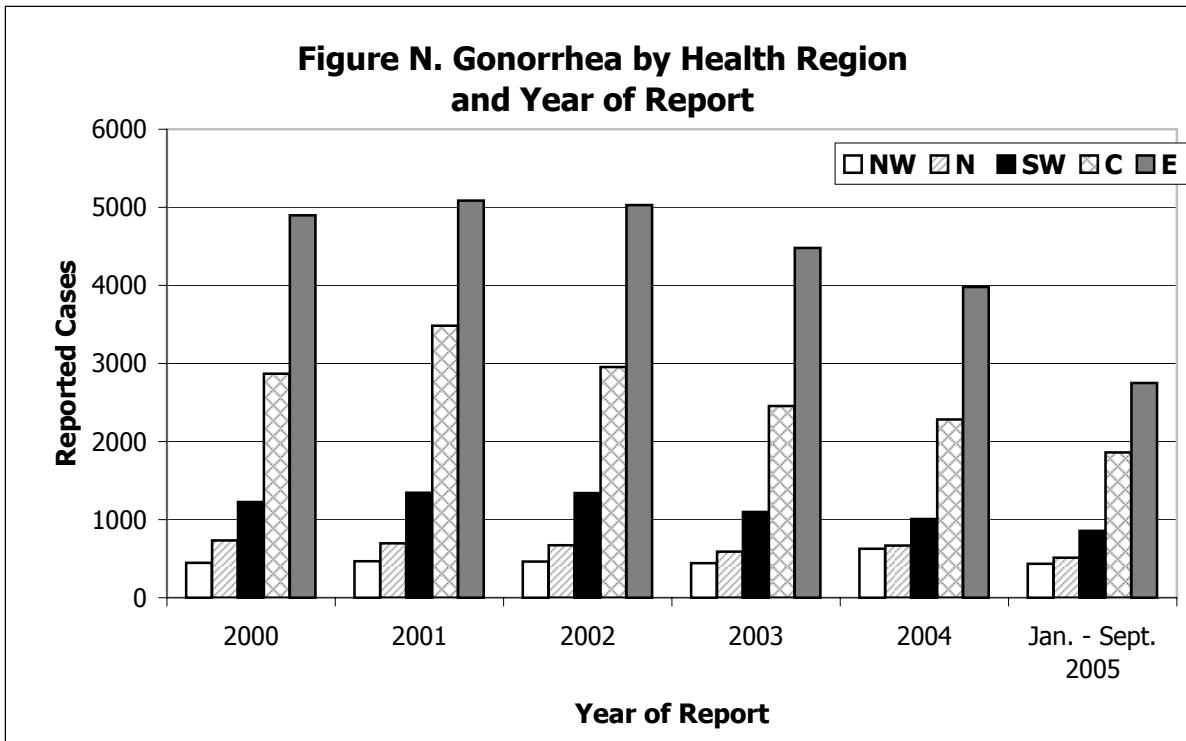
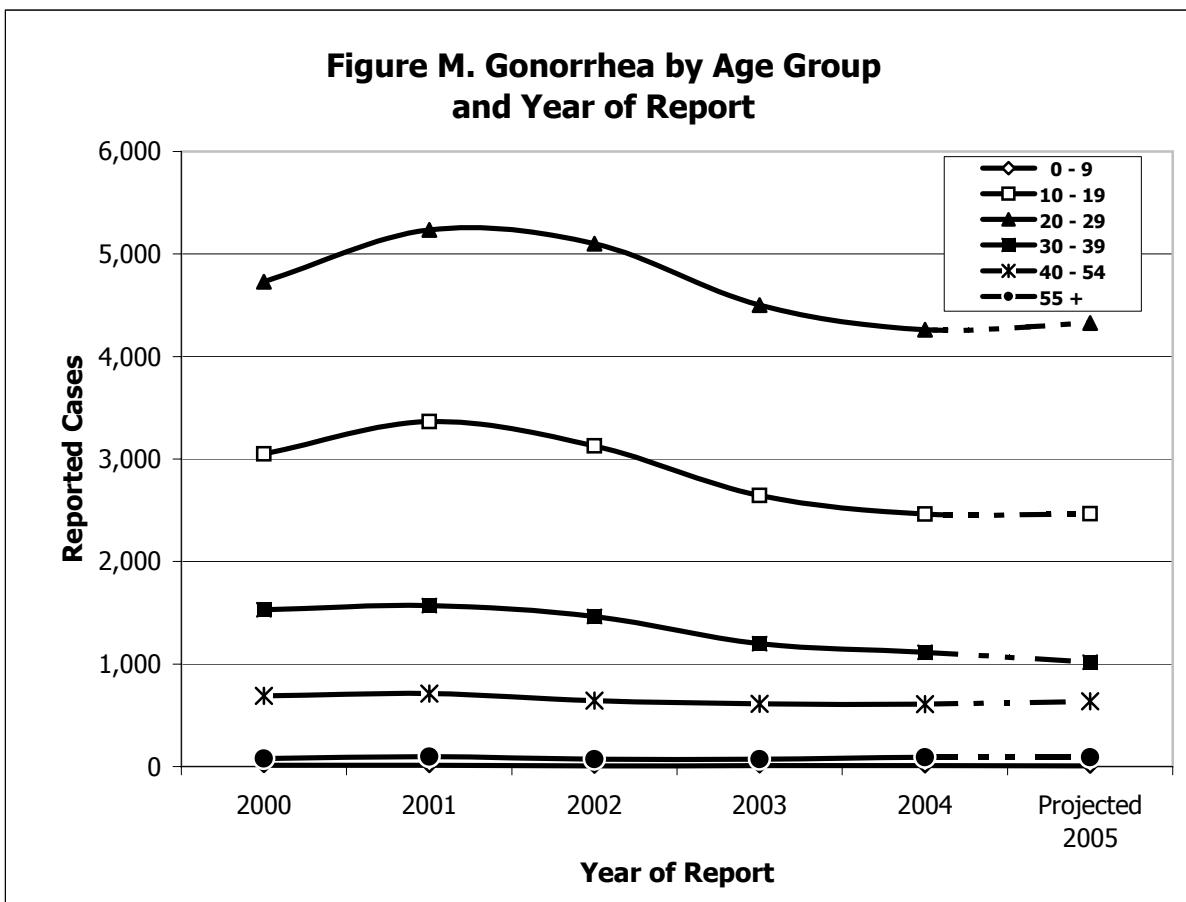
|                         | Jan. - Sept.<br>2001 | Jan. - Sept.<br>2002 | Jan. - Sept.<br>2003 | Jan. - Sept.<br>2004 | Jan. - Sept.<br>2005 | Five Year<br>Average |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Northwest Region</b> |                      |                      |                      |                      |                      |                      |
| Central Shenandoah      | 93                   | 50                   | 33                   | 45                   | 39                   | 52.0                 |
| Lord Fairfax            | 32                   | 48                   | 21                   | 61                   | 65                   | 45.4                 |
| Rappahannock            | 108                  | 111                  | 118                  | 153                  | 156                  | 129.2                |
| Rappahannock/Rapidan    | 49                   | 56                   | 46                   | 58                   | 59                   | 53.6                 |
| Thomas Jefferson        | 73                   | 84                   | 94                   | 181                  | 117                  | 109.8                |
| <b>Total</b>            | 355                  | 349                  | 312                  | 498                  | 436                  | 390.0                |
| <b>Northern Region</b>  |                      |                      |                      |                      |                      |                      |
| Alexandria              | 49                   | 78                   | 72                   | 107                  | 86                   | 78.4                 |
| Arlington               | 83                   | 64                   | 67                   | 75                   | 70                   | 71.8                 |
| Fairfax                 | 163                  | 177                  | 139                  | 145                  | 174                  | 159.6                |
| Loudoun                 | 40                   | 21                   | 22                   | 28                   | 38                   | 29.8                 |
| Prince William          | 163                  | 177                  | 124                  | 156                  | 146                  | 153.2                |
| <b>Total</b>            | 498                  | 517                  | 424                  | 511                  | 514                  | 492.8                |
| <b>Southwest Region</b> |                      |                      |                      |                      |                      |                      |
| Alleghany               | 32                   | 31                   | 45                   | 48                   | 60                   | 43.2                 |
| Central Virginia        | 327                  | 328                  | 172                  | 148                  | 172                  | 229.4                |
| Cumberland Plateau      | 1                    | 1                    | 2                    | 6                    | 4                    | 2.8                  |
| Lenowisco               | 3                    | 8                    | 6                    | 8                    | 9                    | 6.8                  |
| Mount Rogers            | 14                   | 17                   | 28                   | 27                   | 43                   | 25.8                 |
| New River               | 26                   | 30                   | 37                   | 17                   | 33                   | 28.6                 |
| Pittsylvania/Danville   | 241                  | 247                  | 182                  | 133                  | 160                  | 192.6                |
| Roanoke                 | 239                  | 251                  | 293                  | 264                  | 284                  | 266.2                |
| West Piedmont           | 127                  | 128                  | 64                   | 118                  | 91                   | 105.6                |
| <b>Total</b>            | 1,010                | 1,041                | 829                  | 769                  | 856                  | 901.0                |
| <b>Central Region</b>   |                      |                      |                      |                      |                      |                      |
| Chesterfield            | 157                  | 183                  | 178                  | 183                  | 161                  | 172.4                |
| Crater                  | 477                  | 298                  | 233                  | 268                  | 257                  | 306.6                |
| Hanover                 | 43                   | 69                   | 54                   | 51                   | 48                   | 53.0                 |
| Henrico                 | 203                  | 334                  | 281                  | 292                  | 245                  | 271.0                |
| Piedmont                | 66                   | 81                   | 71                   | 40                   | 80                   | 67.6                 |
| Richmond                | 1,426                | 1,182                | 929                  | 921                  | 1,025                | 1096.6               |
| Southside               | 130                  | 100                  | 80                   | 62                   | 45                   | 83.4                 |
| <b>Total</b>            | 2,502                | 2,247                | 1,826                | 1,817                | 1,861                | 2,050.6              |
| <b>Eastern Region</b>   |                      |                      |                      |                      |                      |                      |
| Chesapeake              | 271                  | 258                  | 299                  | 262                  | 196                  | 257.2                |
| Eastern Shore           | 30                   | 25                   | 66                   | 51                   | 67                   | 47.8                 |
| Hampton                 | 365                  | 308                  | 386                  | 442                  | 327                  | 365.6                |
| Norfolk                 | 1,077                | 1,116                | 771                  | 672                  | 594                  | 846.0                |
| Peninsula               | 764                  | 773                  | 687                  | 702                  | 569                  | 699.0                |
| Portsmouth              | 329                  | 298                  | 234                  | 238                  | 244                  | 268.6                |
| Three Rivers            | 87                   | 120                  | 100                  | 84                   | 87                   | 95.6                 |
| Virginia Beach          | 416                  | 413                  | 445                  | 367                  | 381                  | 404.4                |
| Western Tidewater       | 358                  | 346                  | 309                  | 286                  | 286                  | 317.0                |
| <b>Total</b>            | 3,697                | 3,657                | 3,297                | 3,104                | 2,751                | 3,301.2              |
| <b>Virginia Total</b>   | 8,062                | 7,811                | 6,688                | 6,699                | 6,418                | 7,135.6              |

**Figure K. Gonorrhea by Gender and Year of Report**



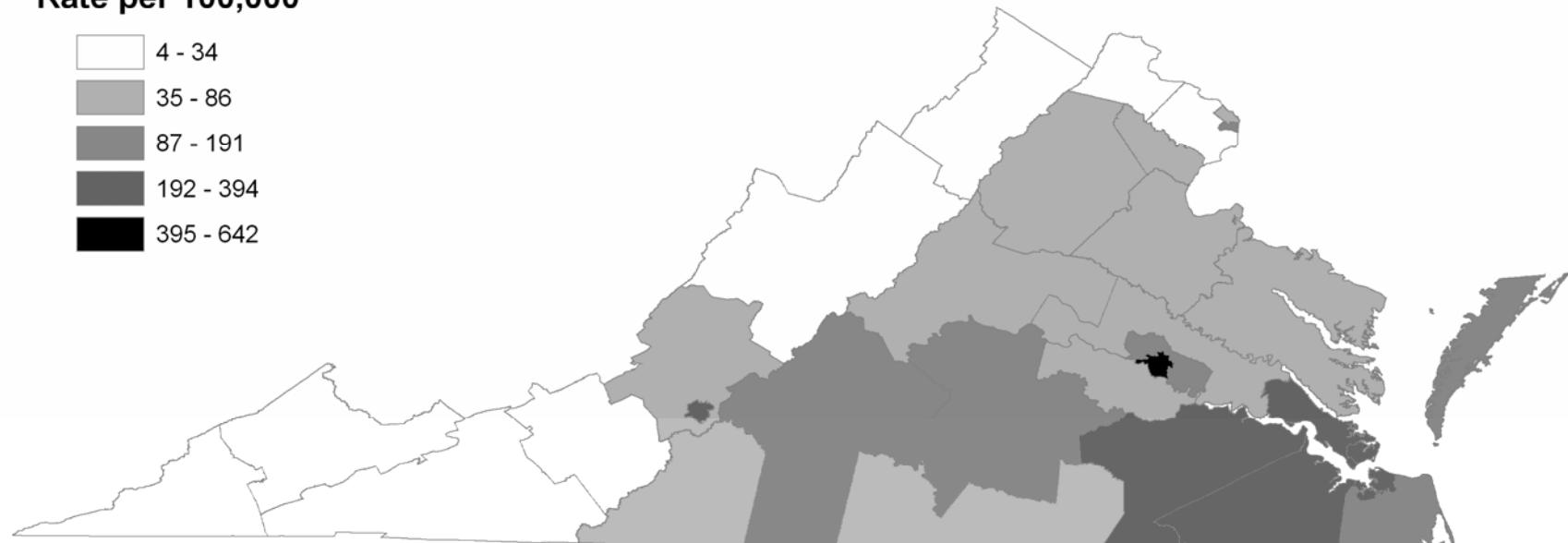
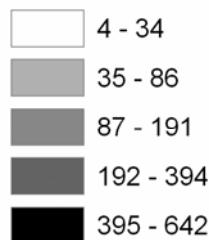
**Figure L. Gonorrhea by Race and Year of Report**



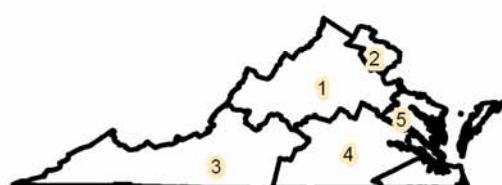


**Figure O. Gonorrhea by Health District**  
**Rate per 100,000 Population**  
**Reported Oct 2004-Sept 2005**

**Rate per 100,000**



**Health Regions**



- Central (Region 4)
- Eastern (Region 5)
- Northern (Region 2)
- Northwest (Region 1)
- Southwest (Region 3)

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**UNITED STATES DATA**

**Table 17. Gonorrhea Cases & Incidence Rates (per 100,000 population)**  
**Top Ten U.S. Cities - 2004**  
**Ranked by Rate Per 100,000 Population**

|            | <b>City</b>                | <b>Cases</b> | <b>Rate</b>  |
|------------|----------------------------|--------------|--------------|
| 1.         | St. Louis, MO              | 2,440        | 734.4        |
| 2.         | Detroit, MI                | 6,763        | 722.3        |
| 3.         | Rochester, NY              | 1,578        | 637.5        |
| 4.         | Baltimore, MD              | 3,938        | 626.4        |
| 5.         | Kansas City, MO            | 2,782        | 611.1        |
| <b>6.</b>  | <b>Richmond, VA</b>        | <b>1,132</b> | <b>581.3</b> |
| 7.         | New Orleans, LA            | 2,373        | 505.9        |
| 8.         | Washington, DC             | 2,568        | 455.0        |
| 9.         | Newark, NJ                 | 1,300        | 430.7        |
| 10         | Indianapolis, IN           | 3,350        | 388.1        |
| :          |                            |              |              |
| <b>13.</b> | <b>Norfolk, VA</b>         | <b>870</b>   | <b>359.9</b> |
|            | United States Total        | 330,132      | 113.5        |
|            | <b>Year 2010 Objective</b> |              | <b>19.0</b>  |

Source: Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2004*.

**Table 18. Gonorrhea Cases & Rates - Top Ten States - 2004**  
**Ranked by Rate Per 100,000 Population**

|            | <b>State</b>               | <b>Cases</b> | <b>Rate</b> |
|------------|----------------------------|--------------|-------------|
| 1.         | Mississippi                | 7,163        | 248.6       |
| 2.         | Louisiana                  | 10,538       | 234.4       |
| 3.         | South Carolina             | 9,171        | 221.1       |
| 4.         | Alabama                    | 8,206        | 182.3       |
| 5.         | Georgia                    | 15,783       | 181.7       |
| 6.         | North Carolina             | 15,194       | 180.7       |
| 7.         | Ohio                       | 20,467       | 179.0       |
| 8.         | Michigan                   | 17,376       | 172.4       |
| 9.         | Illinois                   | 20,597       | 162.8       |
| 10.        | Missouri                   | 9,218        | 161.6       |
| :          |                            |              |             |
| <b>16.</b> | <b>Virginia</b>            | <b>8,565</b> | <b>116</b>  |
|            | United States Total        | 330,132      | 113.5       |
|            | <b>Year 2010 Objective</b> |              | <b>19.0</b> |

Source: Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2004*.

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Table 19. Chlamydia Cases by Year of Report

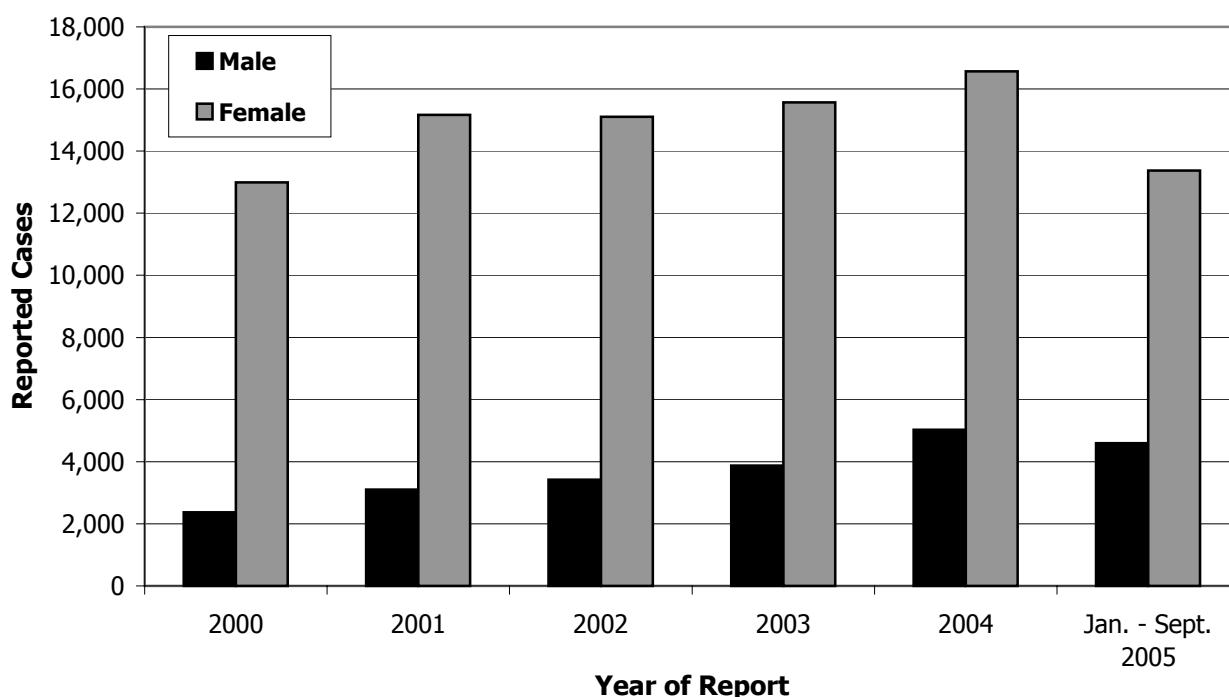
|                                     | 2000          |         | 2001          |         | 2002          |         | 2003          |         | 2004          |         | Jan. - Sept. 2005 |         |
|-------------------------------------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|---------------|---------|-------------------|---------|
| Gender                              | Cases         | Percent | Cases             | Percent |
| Male                                | 2,366         | 15.4    | 3,104         | 16.9    | 3,416         | 18.4    | 3,872         | 19.9    | 5,028         | 23.2    | 4,594             | 25.5    |
| Female                              | 12,990        | 84.5    | 15,169        | 82.8    | 15,103        | 81.6    | 15,567        | 80.1    | 16,572        | 76.6    | 13,377            | 74.3    |
| Not Reported                        | 15            | 0.1     | 46            | 0.3     | 0             | 0.0     | 0             | 0.0     | 36            | 0.2     | 26                | 0.1     |
| <b>Total</b>                        | <b>15,371</b> |         | <b>18,319</b> |         | <b>18,519</b> |         | <b>19,439</b> |         | <b>21,636</b> |         | <b>17,997</b>     |         |
| <b>Race/Ethnicity</b>               |               |         |               |         |               |         |               |         |               |         |                   |         |
| White                               | 3,431         | 18.7    | 4,320         | 23.3    | 4,526         | 23.3    | 4,646         | 21.5    | 4,931         | 22.8    | 4,131             | 23.0    |
| Black                               | 9,237         | 50.4    | 10,985        | 59.3    | 10,586        | 54.5    | 10,925        | 50.5    | 12,218        | 56.5    | 10,304            | 57.3    |
| Hispanic                            | 552           | 3.0     | 784           | 4.2     | 721           | 3.7     | 830           | 3.8     | 1,044         | 4.8     | 882               | 4.9     |
| Asian/Pacific Islander              | 108           | 0.6     | 161           | 0.9     | 217           | 1.1     | 201           | 0.9     | 198           | 0.9     | 206               | 1.1     |
| American Indian/Alaskan Native      | 3             | 0.0     | 10            | 0.1     | 8             | 0.0     | 3             | 0.0     | 11            | 0.1     | 12                | 0.1     |
| Other                               | 229           | 1.3     | 269           | 1.5     | 287           | 1.5     | 329           | 1.5     | 280           | 1.3     | 236               | 1.3     |
| Not Reported                        | 1,811         | 9.9     | 1,790         | 9.7     | 2,174         | 11.2    | 2,505         | 11.6    | 2,954         | 13.7    | 2,226             | 12.4    |
| <b>Total</b>                        | <b>15,371</b> |         | <b>18,319</b> |         | <b>18,519</b> |         | <b>19,439</b> |         | <b>21,636</b> |         | <b>17,997</b>     |         |
| <b>Age at Diagnosis<sup>2</sup></b> |               |         |               |         |               |         |               |         |               |         |                   |         |
| 0 - 9                               | 15            | 0.1     | 27            | 0.1     | 21            | 0.1     | 15            | 0.1     | 23            | 0.1     | 18                | 0.1     |
| 10 - 14                             | 331           | 2.2     | 387           | 2.1     | 339           | 1.8     | 294           | 1.5     | 317           | 1.5     | 257               | 1.4     |
| 15 - 19                             | 6,179         | 40.2    | 7,276         | 39.7    | 7,080         | 38.2    | 7,227         | 37.2    | 7,846         | 36.3    | 6,265             | 34.8    |
| 20 - 29                             | 7,444         | 48.4    | 8,962         | 48.9    | 9,329         | 50.4    | 10,066        | 51.8    | 11,297        | 52.2    | 9,694             | 53.9    |
| 30 - 39                             | 1,074         | 7.0     | 1,278         | 7.0     | 1,321         | 7.1     | 1,415         | 7.3     | 1,650         | 7.6     | 1,370             | 7.6     |
| 40 - 54                             | 216           | 1.4     | 282           | 1.5     | 304           | 1.6     | 310           | 1.6     | 398           | 1.8     | 324               | 1.8     |
| 55+                                 | 25            | 0.2     | 24            | 0.1     | 30            | 0.2     | 32            | 0.2     | 34            | 0.2     | 21                | 0.1     |
| Not Reported                        | 87            | 0.6     | 83            | 0.5     | 95            | 0.5     | 80            | 0.4     | 71            | 0.3     | 48                | 0.3     |
| <b>Total</b>                        | <b>15,371</b> |         | <b>18,319</b> |         | <b>18,519</b> |         | <b>19,439</b> |         | <b>21,636</b> |         | <b>17,997</b>     |         |
| <b>Health Region</b>                |               |         |               |         |               |         |               |         |               |         |                   |         |
| Northwest                           | 1,858         | 12.1    | 2,174         | 11.9    | 2,072         | 11.2    | 2,204         | 11.3    | 2,417         | 11.2    | 2,043             | 11.4    |
| Northern                            | 2,069         | 13.5    | 2,350         | 12.8    | 2,351         | 12.7    | 2,393         | 12.3    | 2,652         | 12.3    | 2,574             | 14.3    |
| Southwest                           | 2,163         | 14.1    | 2,686         | 14.7    | 2,711         | 14.6    | 2,747         | 14.1    | 3,023         | 14.0    | 2,242             | 12.5    |
| Central                             | 4,059         | 26.4    | 4,261         | 23.3    | 4,697         | 25.4    | 4,823         | 24.8    | 5,315         | 24.6    | 4,016             | 22.3    |
| Eastern                             | 5,222         | 34.0    | 6,848         | 37.4    | 6,688         | 36.1    | 7,272         | 37.4    | 8,229         | 38.0    | 7,122             | 39.6    |
| <b>Total</b>                        | <b>15,371</b> |         | <b>18,319</b> |         | <b>18,519</b> |         | <b>19,439</b> |         | <b>21,636</b> |         | <b>17,997</b>     |         |

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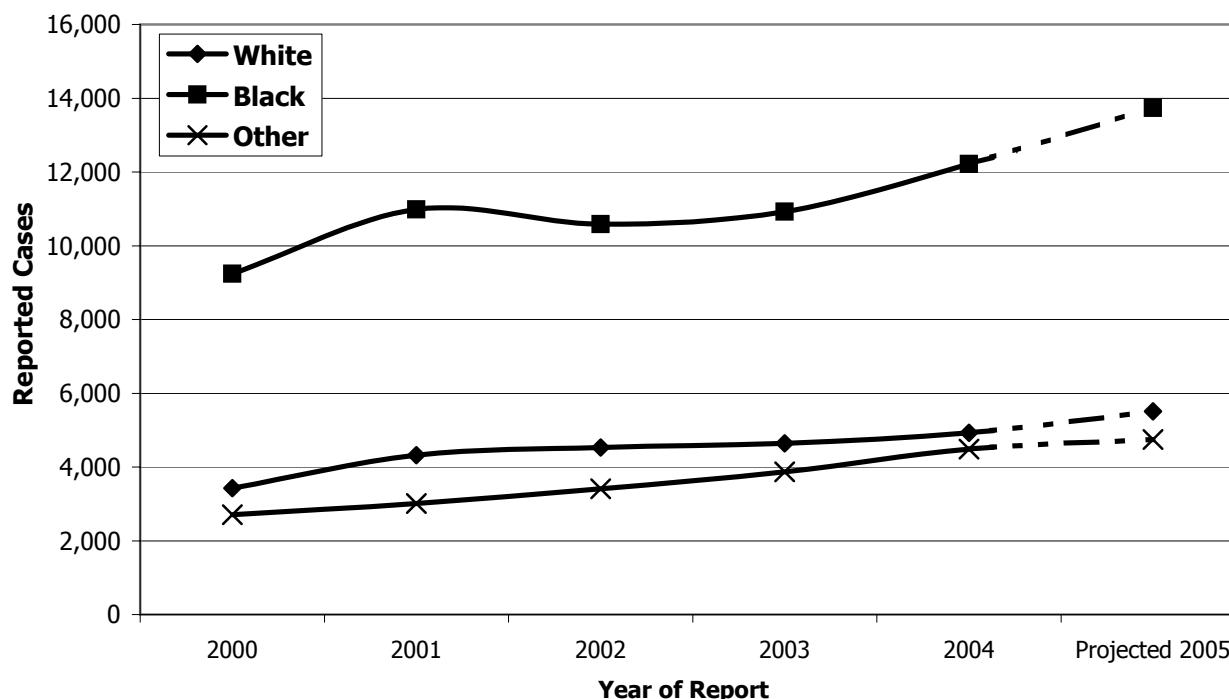
Table 20. Chlamydia Cases by Health District - Five Year Average<sup>11</sup>

|                         | Jan. - Sept.<br>2001 | Jan. - Sept.<br>2002 | Jan. - Sept.<br>2003 | Jan. - Sept.<br>2004 | Jan. - Sept.<br>2005 | Five Year<br>Average |
|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Northwest Region</b> |                      |                      |                      |                      |                      |                      |
| Central Shenandoah      | 370                  | 288                  | 299                  | 312                  | 400                  | 333.8                |
| Lord Fairfax            | 279                  | 236                  | 302                  | 373                  | 378                  | 313.6                |
| Rappahannock            | 459                  | 385                  | 409                  | 525                  | 568                  | 469.2                |
| Rappahannock/Rapidan    | 220                  | 179                  | 234                  | 192                  | 256                  | 216.2                |
| Thomas Jefferson        | 382                  | 367                  | 374                  | 527                  | 441                  | 418.2                |
| <b>Total</b>            | 1,710                | 1,455                | 1,618                | 1,929                | 2,043                | 1,751.0              |
| <b>Northern Region</b>  |                      |                      |                      |                      |                      |                      |
| Alexandria              | 250                  | 207                  | 275                  | 287                  | 286                  | 261.0                |
| Arlington               | 208                  | 215                  | 210                  | 229                  | 295                  | 231.4                |
| Fairfax                 | 663                  | 630                  | 572                  | 711                  | 1,081                | 731.4                |
| Loudoun                 | 153                  | 119                  | 156                  | 167                  | 195                  | 158.0                |
| Prince William          | 531                  | 528                  | 623                  | 648                  | 717                  | 609.4                |
| <b>Total</b>            | 1,805                | 1,699                | 1,836                | 2,042                | 2,574                | 1,991.2              |
| <b>Southwest Region</b> |                      |                      |                      |                      |                      |                      |
| Alleghany               | 97                   | 133                  | 156                  | 173                  | 166                  | 145.0                |
| Central Virginia        | 497                  | 357                  | 425                  | 443                  | 416                  | 427.6                |
| Cumberland Plateau      | 34                   | 43                   | 35                   | 53                   | 38                   | 40.6                 |
| Lenowisco               | 43                   | 46                   | 82                   | 98                   | 98                   | 73.4                 |
| Mount Rogers            | 151                  | 162                  | 146                  | 185                  | 186                  | 166.0                |
| New River               | 125                  | 165                  | 181                  | 200                  | 200                  | 174.2                |
| Pittsylvania/Danville   | 492                  | 471                  | 456                  | 449                  | 429                  | 459.4                |
| Roanoke                 | 476                  | 315                  | 404                  | 440                  | 449                  | 416.8                |
| West Piedmont           | 215                  | 232                  | 175                  | 221                  | 260                  | 220.6                |
| <b>Total</b>            | 2,130                | 1,924                | 2,060                | 2,262                | 2,242                | 2,123.6              |
| <b>Central Region</b>   |                      |                      |                      |                      |                      |                      |
| Chesterfield            | 284                  | 385                  | 433                  | 475                  | 473                  | 410.0                |
| Crater                  | 635                  | 530                  | 550                  | 555                  | 602                  | 574.4                |
| Hanover                 | 108                  | 127                  | 142                  | 168                  | 141                  | 137.2                |
| Henrico                 | 287                  | 428                  | 562                  | 746                  | 617                  | 528.0                |
| Piedmont                | 183                  | 178                  | 208                  | 202                  | 245                  | 203.2                |
| Richmond                | 1,302                | 1,509                | 1,464                | 1,823                | 1,774                | 1,574.4              |
| Southside               | 208                  | 145                  | 175                  | 182                  | 164                  | 174.8                |
| <b>Total</b>            | 3,007                | 3,302                | 3,534                | 4,151                | 4,016                | 3,602.0              |
| <b>Eastern Region</b>   |                      |                      |                      |                      |                      |                      |
| Chesapeake              | 483                  | 440                  | 494                  | 519                  | 512                  | 489.6                |
| Eastern Shore           | 175                  | 133                  | 144                  | 198                  | 187                  | 167.4                |
| Hampton                 | 512                  | 513                  | 778                  | 837                  | 797                  | 687.4                |
| Norfolk                 | 1,051                | 947                  | 930                  | 1,183                | 1,664                | 1,155.0              |
| Peninsula               | 900                  | 815                  | 954                  | 1,162                | 1,196                | 1,005.4              |
| Portsmouth              | 375                  | 407                  | 365                  | 471                  | 600                  | 443.6                |
| Three Rivers            | 293                  | 258                  | 263                  | 283                  | 310                  | 281.4                |
| Virginia Beach          | 837                  | 789                  | 898                  | 1,038                | 1,258                | 964.0                |
| Western Tidewater       | 509                  | 469                  | 503                  | 594                  | 598                  | 534.6                |
| <b>Total</b>            | 5,135                | 4,771                | 5,329                | 6,285                | 7,122                | 5,728.4              |
| <b>Virginia Total</b>   | 13,787               | 13,151               | 14,377               | 16,669               | 17,997               | 15,196.2             |

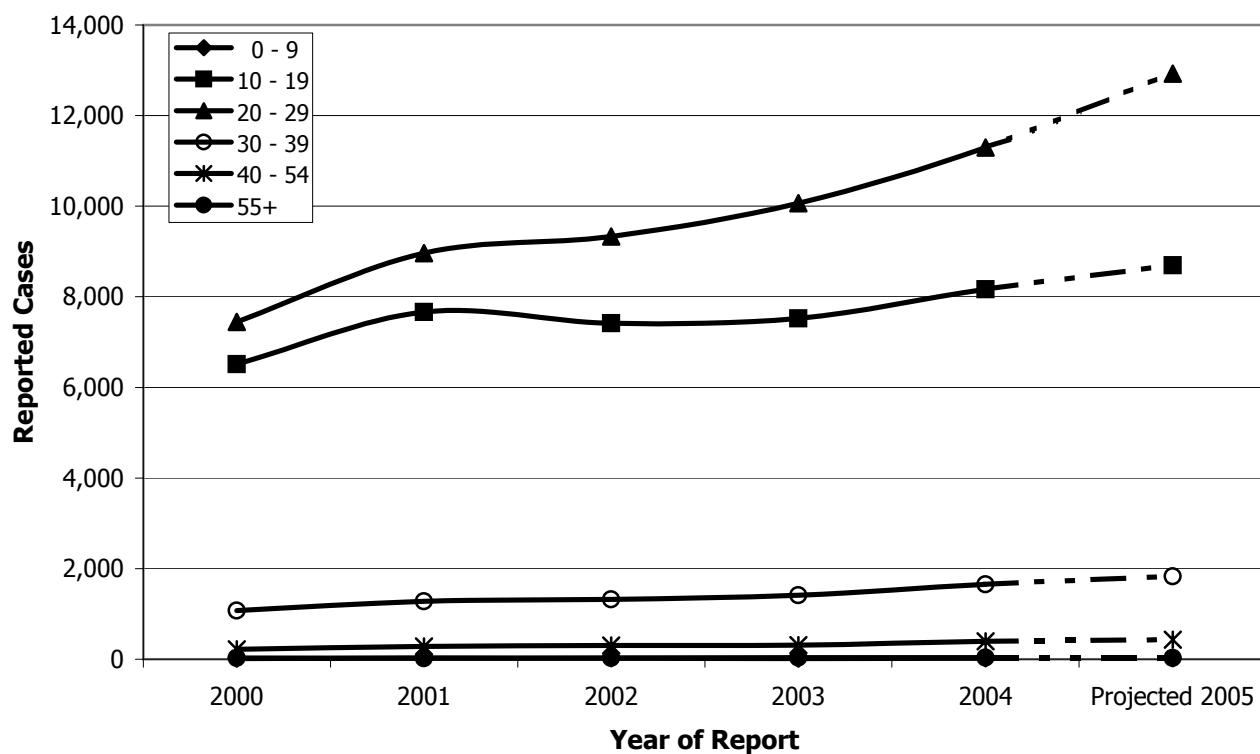
**Figure P. Chlamydia by Gender and Year of Report**



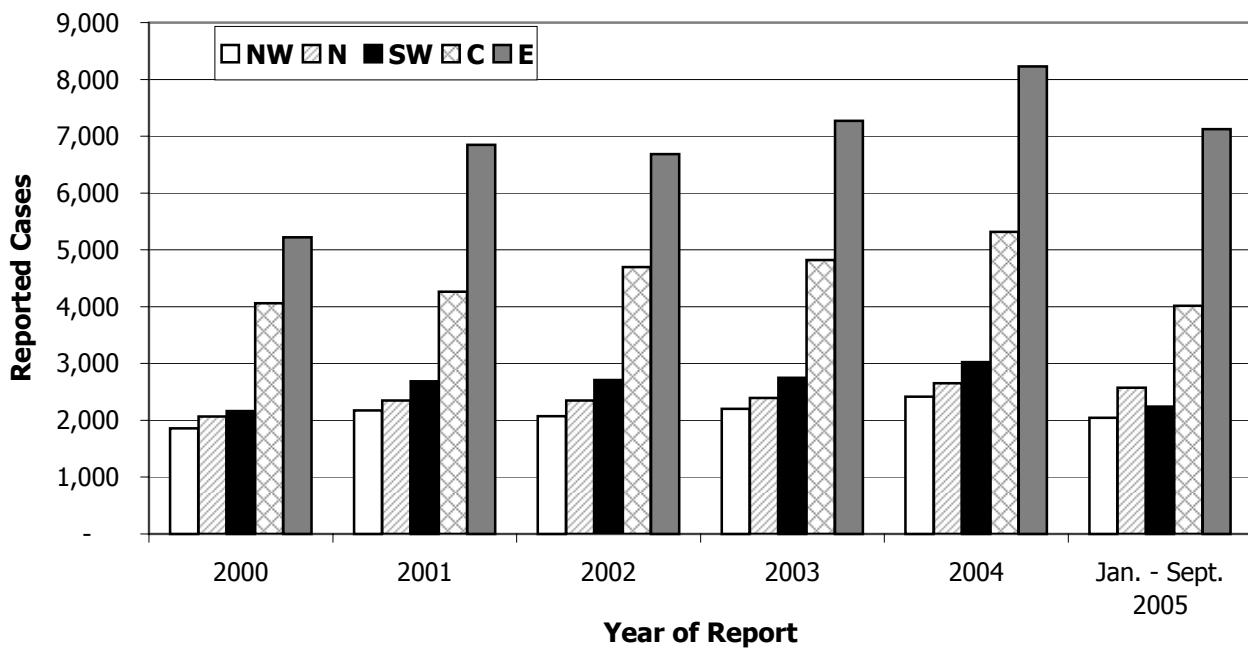
**Figure Q. Chlamydia by Race and Year of Report**



**Figure R. Chlamydia by Age Group and Year of Report**

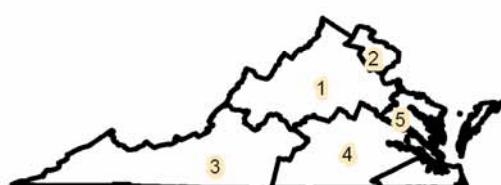
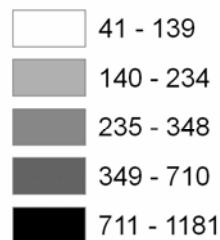


**Figure S. Chlamydia by Health Region and Year of Report**



**Figure T. Chlamydia by Health District**  
**Rate per 100,000 Population**  
**Reported Oct 2004-Sept 2005**

**Rate per 100,000**



**Health Regions**

- Central (Region 4)
- Eastern (Region 5)
- Northern (Region 2)
- Northwest (Region 1)
- Southwest (Region 3)

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**UNITED STATES DATA**

**Table 21. Chlamydia Cases & Incidence Rates (per 100,000 population)**  
**Top Ten U.S. Cities - 2004**  
**Ranked by Rate Per 100,000 Population**

|            | <b>City</b>         | <b>Cases</b> | <b>Rate</b>    |
|------------|---------------------|--------------|----------------|
| 1.         | Detroit, MI         | 12,718       | 1,358.3        |
| 2.         | St Louis, MO        | 4,130        | 1,243.1        |
| <b>3.</b>  | <b>Richmond, VA</b> | <b>2,326</b> | <b>1,194.5</b> |
| 4.         | Rochester, NY       | 2,862        | 1,156.2        |
| 5.         | Philadelphia, PA    | 16,723       | 1,130.4        |
| 6.         | Kansas City, MO     | 5,033        | 1,105.6        |
| 7.         | Baltimore, MD       | 6,651        | 1,057.9        |
| 8.         | Buffalo, NY         | 3,152        | 987.8          |
| 9.         | Milwaukee, WI       | 9,131        | 978.4          |
| 10.        | New Orleans, LA     | 4,347        | 926.8          |
| :          |                     |              |                |
| <b>19.</b> | <b>Norfolk, VA</b>  | <b>1,629</b> | <b>673.9</b>   |
|            | United States Total | 929,462      | 319.6          |

Source: Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2004*.

**Table 22. Chlamydia Cases & Rates - Top Ten States - 2004**  
**Ranked by Rate Per 100,000 Population**

|            | <b>State</b>        | <b>Cases</b>  | <b>Rate</b>  |
|------------|---------------------|---------------|--------------|
| 1.         | Mississippi         | 18,863        | 654.7        |
| 2.         | Alaska              | 3,954         | 609.4        |
| 3.         | Louisiana           | 21,837        | 485.7        |
| 4.         | New Mexico          | 9,035         | 482.0        |
| 5.         | South Carolina      | 18,423        | 444.2        |
| 6.         | Hawaii              | 5,307         | 422.0        |
| 7.         | Michigan            | 41,246        | 409.2        |
| 8.         | Georgia             | 34,280        | 394.7        |
| 9.         | Tennessee           | 22,515        | 385.4        |
| 10.        | Missouri            | 21,319        | 373.7        |
| :          |                     |               |              |
| <b>30.</b> | <b>Virginia</b>     | <b>21,635</b> | <b>292.9</b> |
|            | United States Total | 929,462       | 319.6        |

Source: Centers for Disease Control and Prevention. *Sexually Transmitted Disease Surveillance, 2004*.

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Table 23. State Funded<sup>10</sup> HIV Testing (Jan. - Jun. 2005)<sup>^</sup>

| Clinic Type<br>Specimen Type                | Confidential  |            |            |              |           |            | Anonymous    |           |            | Total         |            |            |
|---|---------------|------------|------------|--------------|-----------|------------|--------------|-----------|------------|---------------|------------|------------|
|   | Blood         |            |            | Oral         |           |            |              |           |            |               |            |            |
| Gender                                      | Tested        | Pos.       | %          | Tested       | Pos.      | %          | Tested       | Pos.      | %          | Tested        | Pos.       | %          |
| Male  | 11,904        | 114        | 1.0        | 1,615        | 25        | 1.5        | 624          | 20        | 3.2        | 14,143        | 159        | 1.1        |
| Female                                      | 20,364        | 44         | 0.2        | 1,345        | 6         | 0.4        | 613          | 6         | 1.0        | 22,322        | 56         | 0.3        |
| Not Reported                                | 1,686         | 6          | 0.4        | 92           | 1         | 1.1        | 37           | 0         | 0.0        | 1,815         | 7          | 0.4        |
| <b>Total</b>                                | <b>33,954</b> | <b>164</b> | <b>0.5</b> | <b>3,052</b> | <b>32</b> | <b>1.0</b> | <b>1,274</b> | <b>26</b> | <b>2.0</b> | <b>38,280</b> | <b>222</b> | <b>0.6</b> |
| Race  |               |            |            |              |           |            |              |           |            |               |            |            |
| White                                       | 12,997        | 32         | 0.2        | 970          | 6         | 0.6        | 718          | 9         | 1.3        | 14,685        | 47         | 0.3        |
| Black                                       | 15,002        | 112        | 0.7        | 1,839        | 25        | 1.4        | 362          | 12        | 3.3        | 17,203        | 149        | 0.9        |
| Asian/Pacific Islander                      | 692           | 0          | 0.0        | 24           | 0         | 0.0        | 35           | 1         | 2.9        | 751           | 1          | 0.1        |
| American Indian/Alaskan Native              | 57            | 1          | 1.8        | 10           | 0         | 0.0        | 26           | 0         | 0.0        | 93            | 1          | 1.1        |
| Other/Not Reported                          | 5,206         | 19         | 0.4        | 209          | 1         | 0.5        | 133          | 4         | 3.0        | 5,548         | 24         | 0.4        |
| <b>Total</b>                                | <b>33,954</b> | <b>164</b> | <b>0.5</b> | <b>3,052</b> | <b>32</b> | <b>1.0</b> | <b>1,274</b> | <b>26</b> | <b>2.0</b> | <b>38,280</b> | <b>222</b> | <b>0.6</b> |
| Ethnicity                                   |               |            |            |              |           |            |              |           |            |               |            |            |
| Hispanic                                    | 5,060         | 19         | 0.4        | 191          | 2         | 1.0        | 233          | 4         | 1.7        | 5,484         | 25         | 0.5        |
| Non-Hispanic                                | 28,894        | 145        | 0.5        | 2,861        | 30        | 1.0        | 1,041        | 22        | 2.1        | 32,796        | 197        | 0.6        |
| <b>Total</b>                                | <b>33,954</b> | <b>164</b> | <b>0.5</b> | <b>3,052</b> | <b>32</b> | <b>1.0</b> | <b>1,274</b> | <b>26</b> | <b>2.0</b> | <b>38,280</b> | <b>222</b> | <b>0.6</b> |
| Age Group                                   |               |            |            |              |           |            |              |           |            |               |            |            |
| 0 - 12                                      | 80            | 1          | 1.3        | 10           | 0         | 0.0        | 3            | 0         | 0.0        | 93            | 1          | 1.1        |
| 13 - 19                                     | 6,982         | 4          | 0.1        | 447          | 3         | 0.7        | 99           | 0         | 0.0        | 7,528         | 7          | 0.1        |
| 20 - 29                                     | 16,190        | 56         | 0.3        | 912          | 9         | 1.0        | 509          | 8         | 1.6        | 17,611        | 73         | 0.4        |
| 30 - 39                                     | 5,792         | 54         | 0.9        | 627          | 7         | 1.1        | 303          | 7         | 2.3        | 6,722         | 68         | 1.0        |
| 40 - 54                                     | 3,543         | 33         | 0.9        | 796          | 10        | 1.3        | 246          | 7         | 2.8        | 4,585         | 50         | 1.1        |
| 55+   | 579           | 10         | 1.7        | 139          | 3         | 2.2        | 55           | 1         | 1.8        | 773           | 14         | 1.8        |
| Not Reported                                | 788           | 6          | 0.8        | 121          | 0         | 0.0        | 59           | 3         | 5.1        | 968           | 9          | 0.9        |
| <b>Total</b>                                | <b>33,954</b> | <b>164</b> | <b>0.5</b> | <b>3,052</b> | <b>32</b> | <b>1.0</b> | <b>1,274</b> | <b>26</b> | <b>2.0</b> | <b>38,280</b> | <b>222</b> | <b>0.6</b> |
| Transmission Risk*                          |               |            |            |              |           |            |              |           |            |               |            |            |
| Men Having Sex with Men (MSM) <sup>3</sup>  | 1,207         | 56         | 4.6        | 244          | 9         | 3.7        | 205          | 6         | 2.9        | 1,656         | 71         | 4.3        |
| Injecting Drug Use (IDU)                    | 618           | 7          | 1.1        | 426          | 5         | 1.2        | 16           | 1         | 6.3        | 1,060         | 13         | 1.2        |
| Sex while using Non-Injection Drugs         | 3,986         | 16         | 0.4        | 1,395        | 14        | 1.0        | 137          | 0         | 0.0        | 5,518         | 30         | 0.5        |
| Sex for Drugs and/or Money                  | 636           | 7          | 1.1        | 401          | 2         | 0.5        | 12           | 0         | 0.0        | 1,049         | 9          | 0.9        |
| Prior STD Diagnosis                         | 6,543         | 33         | 0.5        | 595          | 4         | 0.7        | 99           | 1         | 1.0        | 7,199         | 38         | 0.5        |
| Needle Sharing                              | 387           | 2          | 0.5        | 289          | 4         | 1.4        | 13           | 1         | 7.7        | 689           | 7          | 1.0        |
| Hemophilia/Transfusion                      | 374           | 3          | 0.8        | 54           | 1         | 1.9        | 10           | 0         | 0.0        | 438           | 4          | 0.9        |
| Child of Woman with HIV/AIDS                | 9             | 2          | 22.2       | 0            | 0         | 0.0        | 0            | 0         | 0.0        | 9             | 2          | 22.2       |
| Victim of Sexual Assault                    | 1,133         | 8          | 0.7        | 206          | 1         | 0.5        | 33           | 0         | 0.0        | 1,372         | 9          | 0.7        |
| Healthcare Exposure                         | 561           | 3          | 0.5        | 78           | 1         | 1.3        | 22           | 0         | 0.0        | 661           | 4          | 0.6        |
| Multiple Heterosexual Contacts <sup>6</sup> | 14,480        | 63         | 0.4        | 1,627        | 15        | 0.9        | 505          | 10        | 2.0        | 16,612        | 88         | 0.5        |
| Heterosexual Relations with:                |               |            |            |              |           |            |              |           |            |               |            |            |
| Man who had Sex with another Man            | 1,046         | 40         | 3.8        | 255          | 9         | 3.5        | 150          | 6         | 4.0        | 1,451         | 55         | 3.8        |
| Injection Drug User                         | 757           | 5          | 0.7        | 509          | 6         | 1.2        | 15           | 1         | 6.7        | 1,281         | 12         | 0.9        |
| HIV/AIDS Positive Person                    | 391           | 25         | 6.4        | 94           | 3         | 3.2        | 39           | 4         | 10.3       | 524           | 32         | 6.1        |
| Person with Other HIV/AIDS Risk             | 1,397         | 15         | 1.1        | 430          | 4         | 0.9        | 64           | 2         | 3.1        | 1,891         | 21         | 1.1        |
| Multiple Heterosexual Contacts <sup>6</sup> | 11,891        | 47         | 0.4        | 1,645        | 10        | 0.6        | 482          | 10        | 2.1        | 14,018        | 67         | 0.5        |
| Unknown                                     | 16,536        | 53         | 0.3        | 558          | 6         | 1.1        | 342          | 3         | 0.9        | 17,436        | 62         | 0.4        |
| No Acknowledged Risk                        | 2,237         | 8          | 0.4        | 39           | 0         | 0.0        | 62           | 1         | 1.6        | 2,338         | 9          | 0.4        |

\*Clients may report more than one risk.

<sup>^</sup>Data does not include clients with a previous positive test for HIV

Table 24. State Funded<sup>10</sup> HIV Testing and Counseling (Jan. - Jun. 2005)<sup>^</sup>

| Clinic Type<br>Specimen Type<br>Reason for Testing | Confidential |               |        |       |              |        | Anonymous |      |        | Total  |      |        |
|--|--------------|---------------|--------|-------|--------------|--------|-----------|------|--------|--------|------|--------|
|  | No.          | Blood<br>Pos. | % Pos. | No.   | Oral<br>Pos. | % Pos. | No.       | Pos. | % Pos. | No.    | Pos. | % Pos. |
| Volunteers   | 30,638       | 148           | 0.5    | 2,576 | 26           | 1.0    | 1,148     | 25   | 2.2    | 34,362 | 199  | 0.6    |
| Referred by  |              |               |        |       |              |        |           |      |        |        |      |        |
| Partner  | 155          | 1             | 0.6    | 11    | 0            | 0.0    | 3         | 0    | 0.0    | 169    | 1    | 0.6    |
| Provider   | 1,254        | 2             | 0.2    | 9     | 0            | 0.0    | 24        | 1    | 4.2    | 1,287  | 3    | 0.2    |
| Other  | 1,907        | 13            | 0.7    | 456   | 6            | 1.3    | 99        | 0    | 0.0    | 2,462  | 19   | 0.8    |
| Total  | 33,954       | 164           | 0.5    | 3,052 | 32           | 1.0    | 1,274     | 26   | 2.0    | 38,280 | 222  | 0.6    |
| <b>Post-Test Counseling</b>                        |              |               |        |       |              |        |           |      |        |        |      |        |
| Positive Post-Test counseled                       | 101          | 61.6          |        | 14    | 43.8         |        | 17        | 65.4 |        | 132    | 59.5 |        |
| Negative Post-Test counseled                       | 15,123       | 44.8          |        | 1,476 | 48.9         |        | 849       | 68.0 |        | 17,448 | 45.8 |        |
| Total  | 15,224       | 44.8          |        | 1,490 | 48.8         |        | 866       | 68.0 |        | 17,580 | 45.9 |        |

Table 25. State Funded<sup>10</sup> HIV Testing by Clinic & Specimen Type (2002 - Jun. 2005)<sup>^</sup>

|              | 2002   |      |        | 2003   |      |        | 2004   |      |        | Jan. - Jun. 2005 |      |        |
|--------------|--------|------|--------|--------|------|--------|--------|------|--------|------------------|------|--------|
|              | No.    | Pos. | % Pos. | No.    | Pos. | % Pos. | No.    | Pos. | % Pos. | No.              | Pos. | % Pos. |
| Confidential | 76,083 | 412  | 0.5    | 78,122 | 491  | 0.6    | 76,466 | 331  | 0.4    | 37,006           | 196  | 0.5    |
| - Blood      | 72,304 | 358  | 0.5    | 73,436 | 445  | 0.6    | 71,439 | 300  | 0.4    | 33,954           | 164  | 0.5    |
| - Oral*      | 3,779  | 54   | 1.4    | 4,686  | 46   | 1.0    | 5,027  | 31   | 0.6    | 3,052            | 32   | 1.0    |
| Anonymous    | 3,001  | 41   | 1.4    | 2,633  | 43   | 1.6    | 2,501  | 36   | 1.4    | 1,274            | 26   | 2.0    |
| Total        | 79,084 | 453  | 0.6    | 80,755 | 534  | 0.7    | 78,967 | 367  | 0.5    | 38,280           | 222  | 0.6    |

\*Oral HIV Testing includes data only for 2002 and 2003.

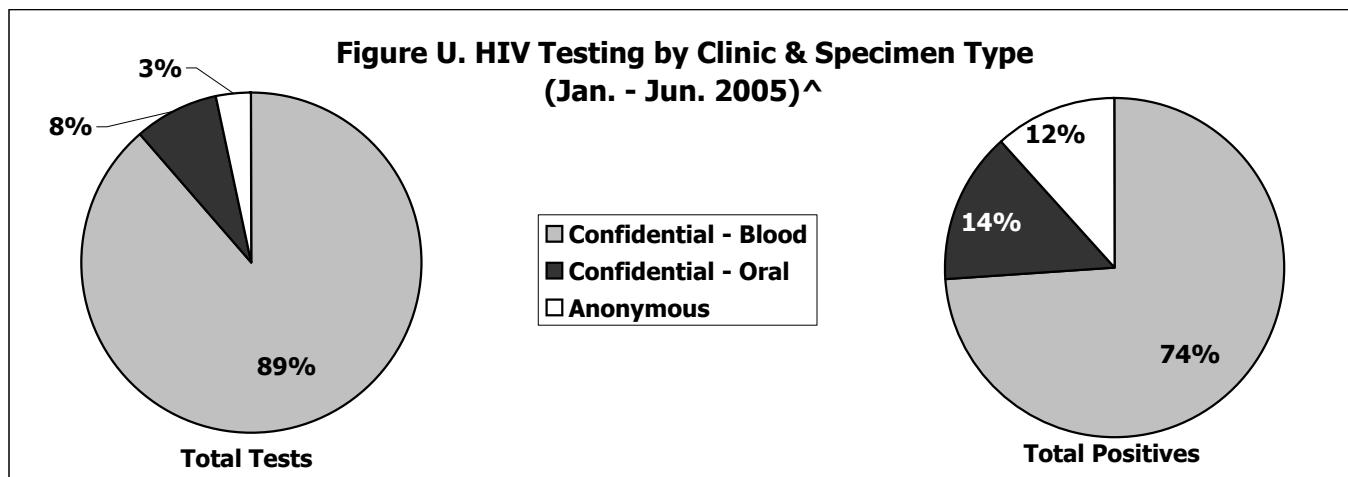


Table 26. State Funded<sup>10</sup> HIV Testing - Patients Being Tested for the First Time\* (Jan. - Jun. 2005)<sup>^</sup>

|              | Tested |      |        | Post-Test Counseling |      |           |      |           |      |
|--------------|--------|------|--------|----------------------|------|-----------|------|-----------|------|
|              | No.    | Pos. | % Pos. | Total                |      | Positives |      | Negatives |      |
|              | No.    |      |        | No.                  | %    | No.       | %    | No.       | %    |
| Confidential | 9,997  | 46   | 0.5    | 4,883                | 48.8 | 25        | 54.3 | 4858      | 48.8 |
| - Blood      | 8,984  | 37   | 0.4    | 4,404                | 49.0 | 22        | 59.5 | 4382      | 49.0 |
| - Oral       | 1,013  | 9    | 0.9    | 479                  | 47.3 | 3         | 33.3 | 476       | 47.4 |
| Anonymous    | 374    | 10   | 2.7    | 237                  | 63.4 | 7         | 70.0 | 230       | 63.2 |
| Total        | 10,371 | 56   | 0.5    | 5,120                | 49.4 | 32        | 57.1 | 5088      | 49.3 |

\*Includes only those patients who responded "No" to the question: "Have you previously been tested for HIV?" on the HIV-1 laboratory form.

<sup>^</sup>Data does not include clients with a previous positive test for HIV

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Table 27. State Funded<sup>10</sup> HIV Testing by Health District (Jan. - Jun. 2005)<sup>^</sup>

|                               |               |           |            | Post-Test Counseling |             |           |              |              |             |
|-------------------------------|---------------|-----------|------------|----------------------|-------------|-----------|--------------|--------------|-------------|
| Tested                        |               |           |            | Total                |             | Positives |              | Negatives    |             |
|                               | Number        | Positive  | % Positive | Number               | Percent     | Number    | Percent      | Number       | Percent     |
| Central Shenandoah            | 1,717         | 3         | 0.2        | 792                  | 46.1        | 4         | 133.3        | 788          | 46.0        |
| Lord Fairfax                  | 873           | 0         | 0.0        | 406                  | 46.5        | 0         |              | 406          | 46.5        |
| Rappahannock                  | 1,014         | 2         | 0.2        | 395                  | 39.0        | 1         | 50.0         | 394          | 38.9        |
| Rappahannock/Rapidan          | 367           | 0         | 0.0        | 76                   | 20.7        | 0         |              | 76           | 20.7        |
| Thomas Jefferson              | 858           | 4         | 0.5        | 485                  | 56.5        | 5         | 125.0        | 480          | 56.2        |
| <b>Northwest Region Total</b> | <b>4,829</b>  | <b>9</b>  | <b>0.2</b> | <b>2,154</b>         | <b>44.6</b> | <b>10</b> | <b>111.1</b> | <b>2,144</b> | <b>44.5</b> |
| Alexandria                    | 1,416         | 20        | 1.4        | 546                  | 38.6        | 13        | 65.0         | 533          | 38.2        |
| Arlington                     | 1,560         | 11        | 0.7        | 964                  | 61.8        | 11        | 100.0        | 953          | 61.5        |
| Fairfax                       | 3,600         | 24        | 0.7        | 1,584                | 44.0        | 10        | 41.7         | 1,574        | 44.0        |
| Loudoun                       | 483           | 2         | 0.4        | 224                  | 46.4        | 2         | 100.0        | 222          | 46.2        |
| Prince William                | 1,211         | 4         | 0.3        | 888                  | 73.3        | 7         |              | 881          | 73.0        |
| <b>Northern Region Total</b>  | <b>8,270</b>  | <b>61</b> | <b>0.7</b> | <b>4,206</b>         | <b>50.9</b> | <b>43</b> | <b>70.5</b>  | <b>4,163</b> | <b>50.7</b> |
| Alleghany                     | 192           | 2         | 1.0        | 74                   | 38.5        | 3         | 150.0        | 71           | 37.4        |
| Central Virginia              | 862           | 4         | 0.5        | 499                  | 57.9        | 2         | 50.0         | 497          | 57.9        |
| Cumberland Plateau            | 338           | 0         | 0.0        | 91                   | 26.9        | 0         |              | 91           | 26.9        |
| Lenowisco                     | 376           | 1         | 0.3        | 190                  | 50.5        | 1         | 100.0        | 189          | 50.4        |
| Mount Rogers                  | 834           | 4         | 0.5        | 115                  | 13.8        | 3         | 75.0         | 112          | 13.5        |
| New River                     | 448           | 1         | 0.2        | 298                  | 66.5        | 1         | 100.0        | 297          | 66.4        |
| Pittsylvania/Danville         | 488           | 0         | 0.0        | 90                   | 18.4        | 0         |              | 90           | 18.4        |
| Roanoke                       | 1,711         | 3         | 0.2        | 680                  | 39.7        | 2         | 66.7         | 678          | 39.7        |
| West Piedmont                 | 339           | 2         | 0.6        | 173                  | 51.0        | 2         | 100.0        | 171          | 50.7        |
| <b>Southwest Region Total</b> | <b>5,588</b>  | <b>17</b> | <b>0.3</b> | <b>2,210</b>         | <b>39.5</b> | <b>14</b> | <b>82.4</b>  | <b>2,196</b> | <b>39.4</b> |
| Chesterfield                  | 871           | 2         | 0.2        | 329                  | 37.8        | 1         | 50.0         | 328          | 37.7        |
| Crater                        | 1,623         | 10        | 0.6        | 547                  | 33.7        | 3         | 30.0         | 544          | 33.7        |
| Hanover                       | 393           | 0         | 0.0        | 129                  | 32.8        | 0         |              | 129          | 32.8        |
| Henrico                       | 459           | 1         | 0.2        | 242                  | 52.7        | 1         | 100.0        | 241          | 52.6        |
| Piedmont                      | 647           | 1         | 0.2        | 352                  | 54.4        | 0         | 0.0          | 352          | 54.5        |
| Richmond                      | 3,255         | 38        | 1.2        | 1,312                | 40.3        | 29        | 76.3         | 1,283        | 39.9        |
| Southside                     | 347           | 1         | 0.3        | 117                  | 33.7        | 0         | 0.0          | 117          | 33.8        |
| <b>Central Region Total</b>   | <b>7,595</b>  | <b>53</b> | <b>0.7</b> | <b>3,028</b>         | <b>39.9</b> | <b>34</b> | <b>64.2</b>  | <b>2,994</b> | <b>39.7</b> |
| Chesapeake                    | 1,084         | 4         | 0.4        | 423                  | 39.0        | 4         | 100.0        | 419          | 38.8        |
| Eastern Shore                 | 728           | 1         | 0.1        | 183                  | 25.1        | 2         | 200.0        | 181          | 24.9        |
| Hampton                       | 1,072         | 6         | 0.6        | 486                  | 45.3        | 4         | 66.7         | 482          | 45.2        |
| Norfolk                       | 2,969         | 36        | 1.2        | 2,568                | 86.5        | 36        | 100.0        | 2,532        | 86.3        |
| Peninsula                     | 1,928         | 8         | 0.4        | 609                  | 31.6        | 7         | 87.5         | 602          | 31.4        |
| Portsmouth                    | 1,021         | 8         | 0.8        | 526                  | 51.5        | 10        | 125.0        | 516          | 50.9        |
| Three Rivers                  | 742           | 1         | 0.1        | 182                  | 24.5        | 4         | 400.0        | 178          | 24.0        |
| Virginia Beach                | 1,230         | 14        | 1.1        | 498                  | 40.5        | 6         | 42.9         | 492          | 40.5        |
| Western Tidewater             | 1,131         | 4         | 0.4        | 541                  | 47.8        | 4         | 100.0        | 537          | 47.6        |
| <b>Eastern Region Total</b>   | <b>11,905</b> | <b>82</b> | <b>0.7</b> | <b>6,016</b>         | <b>50.5</b> | <b>77</b> | <b>93.9</b>  | <b>5,939</b> | <b>50.2</b> |
| <b>Virginia Total*</b>        | 38,187        | 222       | 0.6        | 17,638               | 46.2        | 178       | 80.2         | 17,460       | 46.0        |

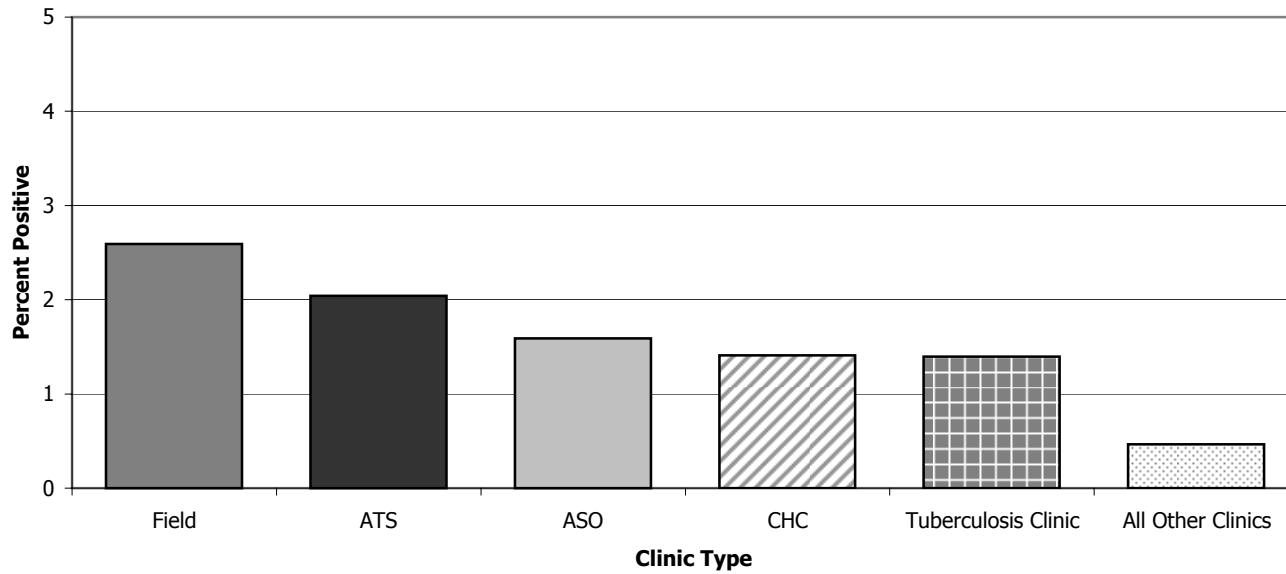
\*Virginia Total includes 93 lab slips without district information.

<sup>^</sup>Data does not include clients with a previous positive test for HIV

Table 28. State Funded<sup>10</sup> HIV Testing & Counseling by Clinic Type (Jan. - Jun. 2005)<sup>^</sup>

| <b>Clinic Type</b>                 | <b>Tested</b> |                 |                   | <b>Post-Test Counseling</b> |                |                  |                |                  |                |
|------------------------------------|---------------|-----------------|-------------------|-----------------------------|----------------|------------------|----------------|------------------|----------------|
|                                    | <b>Number</b> | <b>Positive</b> | <b>% Positive</b> | <b>Total</b>                | <b>Percent</b> | <b>Positives</b> | <b>Percent</b> | <b>Negatives</b> | <b>Percent</b> |
| Adolescent Health Clinic (AHC)     | 332           | 0               | 0.0               | 139                         | 41.9           | 0                | 0              | 139              | 41.9           |
| AIDS Service Organization (ASO)    | 629           | 10              | 1.6               | 503                         | 80.0           | 9                | 90.0           | 494              | 79.8           |
| Anonymous Test Site (ATS)          | 1,274         | 26              | 2.0               | 866                         | 68.0           | 17               | 65.4           | 849              | 68.0           |
| Community Health Clinic (CHC)      | 780           | 11              | 1.4               | 529                         | 67.8           | 8                | 72.7           | 521              | 67.8           |
| Dept. of Corrections/Jails (DCJ)   | 1,381         | 12              | 0.9               | 651                         | 47.1           | 5                | 41.7           | 646              | 47.2           |
| Drug Treatment Center (DTC)        | 862           | 7               | 0.8               | 401                         | 46.5           | 3                | 42.9           | 398              | 46.5           |
| Family Planning Clinic (FP)        | 1,286         | 0               | 0.0               | 259                         | 20.1           | 0                | 0              | 259              | 20.1           |
| Field                              | 270           | 7               | 2.6               | 29                          | 10.7           | 4                | 57.1           | 25               | 9.5            |
| General Medical Clinic (GMC)       | 581           | 5               | 0.9               | 257                         | 44.2           | 4                | 80.0           | 253              | 43.9           |
| GYN Clinic (GYN)                   | 7             | 0               | 0.0               | 1                           | 14.3           | 0                | 0              | 1                | 14.3           |
| Homeless Shelter (HMS)             | 0             | 0               | 0.0               | 0                           | 0              | 0                | 0              | 0                | 0              |
| Maternal Health Clinic (MHC)       | 1,477         | 0               | 0.0               | 953                         | 64.5           | 0                | 0              | 953              | 64.5           |
| Medical Examiner (OME)             | 0             | 0               | 0.0               | 0                           | 0              | 0                | 0              | 0                | 0              |
| OB Clinic (OB)                     | 2,981         | 2               | 0.1               | 1,523                       | 51.1           | 2                | 100.0          | 1,521            | 51.1           |
| STD Clinic (STD)                   | 21,043        | 103             | 0.5               | 9,244                       | 43.9           | 62               | 60.2           | 9,182            | 43.8           |
| Street Outreach Intervention (SOI) | 1,382         | 15              | 1.1               | 797                         | 57.7           | 8                | 53.3           | 789              | 57.7           |
| Student Health Clinic (SHC)        | 138           | 0               | 0.0               | 0                           | 0.0            | 0                | 0              | 0                | 0.0            |
| Tuberculosis Clinic (TB)           | 358           | 5               | 1.4               | 192                         | 53.6           | 3                | 60.0           | 189              | 53.5           |
| Not Listed                         | 3,499         | 19              | 0.5               | 1,236                       | 35.3           | 7                | 36.8           | 1,229            | 35.3           |
| <b>Total</b>                       | <b>38,280</b> | <b>222</b>      | <b>0.6</b>        | <b>17,580</b>               | <b>45.9</b>    | <b>132</b>       | <b>59.5</b>    | <b>17,448</b>    | <b>45.8</b>    |

**Figure V. HIV Testing Positivity by Clinic Type  
Top Five Positivity Rates (Jan. - Jun. 2005)<sup>^</sup>**



<sup>^</sup>Data does not include clients with a previous positive test for HIV

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Table 29. Chlamydia Screening Program by Clinic Type & Demographic Group (Jan. - Jun. 2005)

| Clinic Type                    | Family Planning Clinics |              |            | STD Clinics   |              |             | All Other Clinics |            |            | Total         |              |            |
|--------------------------------|-------------------------|--------------|------------|---------------|--------------|-------------|-------------------|------------|------------|---------------|--------------|------------|
| <b>Gender</b>                  | Tested                  | Positive     | % Pos.     | Tested        | Positive     | % Pos.      | Tested            | Positive   | % Pos.     | Tested        | Positive     | % Pos.     |
| Male                           | 97                      | 16           | 16.5       | 8,110         | 1,482        | 18.3        | 897               | 115        | 12.8       | 9,104         | 1,613        | 17.7       |
| Female                         | 22,891                  | 1,254        | 5.5        | 9,713         | 1,174        | 12.1        | 7,219             | 406        | 5.6        | 39,823        | 2,834        | 7.1        |
| Not Reported                   | 5                       | 2            | 40.0       | 3             | 1            | 33.3        | 1                 | 0          | 0.0        | 9             | 3            | 33.3       |
| <b>Total</b>                   | <b>22,993</b>           | <b>1,272</b> | <b>5.5</b> | <b>17,826</b> | <b>2,657</b> | <b>14.9</b> | <b>8,117</b>      | <b>521</b> | <b>6.4</b> | <b>48,936</b> | <b>4,450</b> | <b>9.1</b> |
| <b>Race/Ethnicity</b>          |                         |              |            |               |              |             |                   |            |            |               |              |            |
| White                          | 11,891                  | 397          | 3.3        | 5,295         | 502          | 9.5         | 2,274             | 94         | 4.1        | 19,460        | 993          | 5.1        |
| Black                          | 7,319                   | 772          | 10.5       | 11,003        | 1,980        | 18.0        | 2,492             | 312        | 12.5       | 20,814        | 3,064        | 14.7       |
| Hispanic                       | 2,993                   | 73           | 2.4        | 933           | 96           | 10.3        | 2,282             | 80         | 3.5        | 6,208         | 249          | 4.0        |
| Asian/Pacific Islander         | 205                     | 7            | 3.4        | 177           | 25           | 14.1        | 159               | 9          | 5.7        | 541           | 41           | 7.6        |
| American Indian/Alaskan Native | 9                       | 1            | 11.1       | 12            | 2            | 16.7        | 4                 | 1          | 25.0       | 25            | 4            | 16.0       |
| Other/Not Reported             | 576                     | 22           | 3.8        | 406           | 52           | 12.8        | 906               | 25         | 2.8        | 1,888         | 99           | 5.2        |
| <b>Total</b>                   | <b>22,993</b>           | <b>1,272</b> | <b>5.5</b> | <b>17,826</b> | <b>2,657</b> | <b>14.9</b> | <b>8,117</b>      | <b>521</b> | <b>6.4</b> | <b>48,936</b> | <b>4,450</b> | <b>9.1</b> |
| <b>Age Group</b>               |                         |              |            |               |              |             |                   |            |            |               |              |            |
| 0 - 9                          | 0                       | 0            |            | 4             | 0            | 0.0         | 2                 | 0          | 0.0        | 6             | 0            | 0.0        |
| 10 - 14                        | 328                     | 27           | 8.2        | 87            | 20           | 23.0        | 90                | 10         | 11.1       | 505           | 57           | 11.3       |
| 15 - 19                        | 6,620                   | 597          | 9.0        | 3,549         | 819          | 23.1        | 2,344             | 255        | 10.9       | 12,513        | 1,671        | 13.4       |
| 20 - 24                        | 7,627                   | 439          | 5.8        | 6,323         | 1,131        | 17.9        | 2,607             | 176        | 6.8        | 16,557        | 1,746        | 10.5       |
| 25 - 29                        | 4,613                   | 140          | 3.0        | 3,211         | 406          | 12.6        | 1,380             | 48         | 3.5        | 9,204         | 594          | 6.5        |
| 30 - 34                        | 1,739                   | 40           | 2.3        | 1,657         | 147          | 8.9         | 763               | 24         | 3.1        | 4,159         | 211          | 5.1        |
| 35 - 39                        | 1,012                   | 18           | 1.8        | 1,128         | 76           | 6.7         | 390               | 3          | 0.8        | 2,530         | 97           | 3.8        |
| 40 - 44                        | 645                     | 3            | 0.5        | 840           | 26           | 3.1         | 196               | 2          | 1.0        | 1,681         | 31           | 1.8        |
| 45 - 49                        | 291                     | 2            | 0.7        | 527           | 20           | 3.8         | 112               | 1          | 0.9        | 930           | 23           | 2.5        |
| 50+                            | 71                      | 1            | 1.4        | 454           | 6            | 1.3         | 189               | 0          | 0.0        | 714           | 7            | 1.0        |
| Not Reported                   | 47                      | 5            | 10.6       | 46            | 6            | 13.0        | 44                | 2          | 4.5        | 137           | 13           | 9.5        |
| <b>Total</b>                   | <b>22,993</b>           | <b>1,272</b> | <b>5.5</b> | <b>17,826</b> | <b>2,657</b> | <b>14.9</b> | <b>8,117</b>      | <b>521</b> | <b>6.4</b> | <b>48,936</b> | <b>4,450</b> | <b>9.1</b> |
| <b>Health Region</b>           |                         |              |            |               |              |             |                   |            |            |               |              |            |
| Northwest                      | 4,529                   | 196          | 4.3        | 2,267         | 268          | 11.8        | 1,796             | 72         | 4.0        | 8,592         | 536          | 6.2        |
| Northern                       | 2,062                   | 52           | 2.5        | 1,917         | 180          | 9.4         | 2,033             | 96         | 4.7        | 6,012         | 328          | 5.5        |
| Southwest                      | 6,997                   | 294          | 4.2        | 2,622         | 300          | 11.4        | 1,438             | 100        | 7.0        | 11,057        | 694          | 6.3        |
| Central                        | 3,824                   | 229          | 6.0        | 3,520         | 528          | 15.0        | 1,718             | 146        | 8.5        | 9,062         | 903          | 10.0       |
| Eastern                        | 5,581                   | 501          | 9.0        | 7,500         | 1,381        | 18.4        | 1,132             | 107        | 9.5        | 14,213        | 1,989        | 14.0       |
| <b>Total</b>                   | <b>22,993</b>           | <b>1,272</b> | <b>5.5</b> | <b>17,826</b> | <b>2,657</b> | <b>14.9</b> | <b>8,117</b>      | <b>521</b> | <b>6.4</b> | <b>48,936</b> | <b>4,450</b> | <b>9.1</b> |

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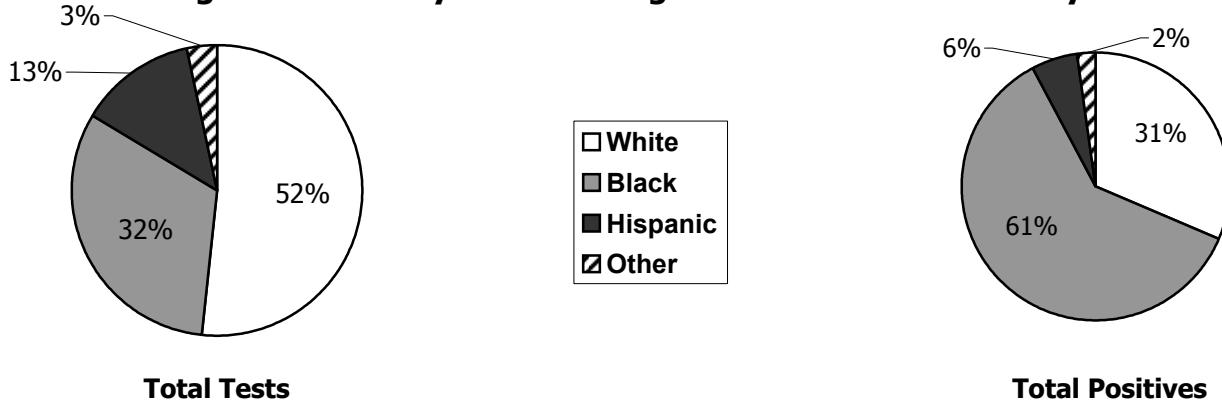
**Table 30. Chlamydia Screening Program by Clinic Type & Health District (Jan. - Jun. 2005)**

| Clinic Type             | FP Clinics    |              |            | STD Clinics   |              |             | All Other Clinics |            |            | Total         |              |             |
|-------------------------|---------------|--------------|------------|---------------|--------------|-------------|-------------------|------------|------------|---------------|--------------|-------------|
| Health District         | Tested        | Pos.         | % Pos.     | Tested        | Pos.         | % Pos.      | Tested            | Pos.       | % Pos.     | Tested        | Pos.         | % Pos.      |
| Central Shenandoah      | 1,623         | 66           | 4.1        | 398           | 39           | 9.8         | 1,002             | 28         | 2.8        | 3,023         | 133          | 4.4         |
| Lord Fairfax            | 1,137         | 35           | 3.1        | 577           | 76           | 13.2        | 34                | 3          | 8.8        | 1,748         | 114          | 6.5         |
| Rappahannock            | 533           | 30           | 5.6        | 744           | 96           | 12.9        | 501               | 22         | 4.4        | 1,778         | 148          | 8.3         |
| Rappahannock/Rapidan    | 692           | 39           | 5.6        | 195           | 34           | 17.4        | 174               | 10         | 5.7        | 1,061         | 83           | 7.8         |
| Thomas Jefferson        | 544           | 26           | 4.8        | 353           | 23           | 6.5         | 85                | 9          | 10.6       | 982           | 58           | 5.9         |
| <b>Northwest Region</b> | <b>4,529</b>  | <b>196</b>   | <b>4.3</b> | <b>2,267</b>  | <b>268</b>   | <b>11.8</b> | <b>1,796</b>      | <b>72</b>  | <b>4.0</b> | <b>8,592</b>  | <b>536</b>   | <b>6.2</b>  |
| Alexandria              | 534           | 10           | 1.9        | 388           | 31           | 8.0         | 682               | 41         | 6.0        | 1,604         | 82           | 5.1         |
| Arlington               | 712           | 24           | 3.4        | 656           | 57           | 8.7         | 410               | 12         | 2.9        | 1,778         | 93           | 5.2         |
| Fairfax                 | 73            | 4            | 5.5        | 166           | 14           | 8.4         | 39                | 6          | 15.4       | 278           | 24           | 8.6         |
| Loudoun                 | 229           | 2            | 0.9        | 252           | 14           | 5.6         | 171               | 7          | 4.1        | 652           | 23           | 3.5         |
| Prince William          | 514           | 12           | 2.3        | 455           | 64           | 14.1        | 731               | 30         | 4.1        | 1,700         | 106          | 6.2         |
| <b>Northern Region</b>  | <b>2,062</b>  | <b>52</b>    | <b>2.5</b> | <b>1,917</b>  | <b>180</b>   | <b>9.4</b>  | <b>2,033</b>      | <b>96</b>  | <b>4.7</b> | <b>6,012</b>  | <b>328</b>   | <b>5.5</b>  |
| Alleghany               | 651           | 17           | 2.6        | 219           | 18           | 8.2         | 59                | 6          | 10.2       | 929           | 41           | 4.4         |
| Central Virginia        | 1,021         | 68           | 6.7        | 415           | 33           | 8.0         | 418               | 30         | 7.2        | 1,854         | 131          | 7.1         |
| Cumberland Plateau      | 522           | 7            | 1.3        | 96            | 2            | 2.1         | 59                | 3          | 5.1        | 677           | 12           | 1.8         |
| Lenowisco               | 614           | 12           | 2.0        | 110           | 13           | 11.8        | 57                | 1          | 1.8        | 781           | 26           | 3.3         |
| Mount Rogers            | 1,900         | 59           | 3.1        | 253           | 16           | 6.3         | 115               | 5          | 4.3        | 2,268         | 80           | 3.5         |
| New River               | 601           | 26           | 4.3        | 125           | 19           | 15.2        | 130               | 2          | 1.5        | 856           | 47           | 5.5         |
| Pittsylvania/Danville   | 786           | 53           | 6.7        | 433           | 63           | 14.5        | 178               | 12         | 6.7        | 1,397         | 128          | 9.2         |
| Roanoke                 | 450           | 19           | 4.2        | 714           | 98           | 13.7        | 400               | 40         | 10.0       | 1,564         | 157          | 10.0        |
| West Piedmont           | 452           | 33           | 7.3        | 257           | 38           | 14.8        | 22                | 1          | 4.5        | 731           | 72           | 9.8         |
| <b>Southwest Region</b> | <b>6,997</b>  | <b>294</b>   | <b>4.2</b> | <b>2,622</b>  | <b>300</b>   | <b>11.4</b> | <b>1,438</b>      | <b>100</b> | <b>7.0</b> | <b>11,057</b> | <b>694</b>   | <b>6.3</b>  |
| Chesterfield            | 810           | 38           | 4.7        | 420           | 56           | 13.3        | 294               | 13         | 4.4        | 1,524         | 107          | 7.0         |
| Crater                  | 934           | 58           | 6.2        | 606           | 95           | 15.7        | 150               | 13         | 8.7        | 1,690         | 166          | 9.8         |
| Hanover                 | 295           | 10           | 3.4        | 133           | 18           | 13.5        | 85                | 3          | 3.5        | 513           | 31           | 6.0         |
| Henrico                 | 321           | 17           | 5.3        | 428           | 56           | 13.1        | 194               | 16         | 8.2        | 943           | 89           | 9.4         |
| Piedmont                | 534           | 42           | 7.9        | 247           | 26           | 10.5        | 57                | 4          | 7.0        | 838           | 72           | 8.6         |
| Richmond                | 383           | 37           | 9.7        | 1,518         | 244          | 16.1        | 916               | 96         | 10.5       | 2,817         | 377          | 13.4        |
| Southside               | 547           | 27           | 4.9        | 168           | 33           | 19.6        | 22                | 1          | 4.5        | 737           | 61           | 8.3         |
| <b>Central Region</b>   | <b>3,824</b>  | <b>229</b>   | <b>6.0</b> | <b>3,520</b>  | <b>528</b>   | <b>15.0</b> | <b>1,718</b>      | <b>146</b> | <b>8.5</b> | <b>9,062</b>  | <b>903</b>   | <b>10.0</b> |
| Chesapeake              | 485           | 34           | 7.0        | 710           | 114          | 16.1        | 121               | 13         | 10.7       | 1,316         | 161          | 12.2        |
| Eastern Shore           | 457           | 25           | 5.5        | 160           | 30           | 18.8        | 341               | 27         | 7.9        | 958           | 82           | 8.6         |
| Hampton                 | 495           | 47           | 9.5        | 811           | 175          | 21.6        | 12                | 2          | 16.7       | 1,318         | 224          | 17.0        |
| Norfolk                 | 687           | 92           | 13.4       | 1,927         | 343          | 17.8        | 143               | 15         | 10.5       | 2,757         | 450          | 16.3        |
| Peninsula               | 455           | 43           | 9.5        | 1,479         | 249          | 16.8        | 39                | 3          | 7.7        | 1,973         | 295          | 15.0        |
| Portsmouth              | 287           | 34           | 11.8       | 521           | 107          | 20.5        | 13                | 1          | 7.7        | 821           | 142          | 17.3        |
| Three Rivers            | 889           | 52           | 5.8        | 225           | 43           | 19.1        | 24                | 2          | 8.3        | 1,138         | 97           | 8.5         |
| Virginia Beach          | 616           | 52           | 8.4        | 1,188         | 207          | 17.4        | 152               | 16         | 10.5       | 1,956         | 275          | 14.1        |
| Western Tidewater       | 1,210         | 122          | 10.1       | 479           | 113          | 23.6        | 287               | 28         | 9.8        | 1,976         | 263          | 13.3        |
| <b>Eastern Region</b>   | <b>5,581</b>  | <b>501</b>   | <b>9.0</b> | <b>7,500</b>  | <b>1,381</b> | <b>18.4</b> | <b>1,132</b>      | <b>107</b> | <b>9.5</b> | <b>14,213</b> | <b>1,989</b> | <b>14.0</b> |
| <b>Virginia Total</b>   | <b>22,993</b> | <b>1,272</b> | <b>5.5</b> | <b>17,826</b> | <b>2,657</b> | <b>14.9</b> | <b>8,117</b>      | <b>521</b> | <b>6.4</b> | <b>48,936</b> | <b>4,450</b> | <b>9.1</b>  |

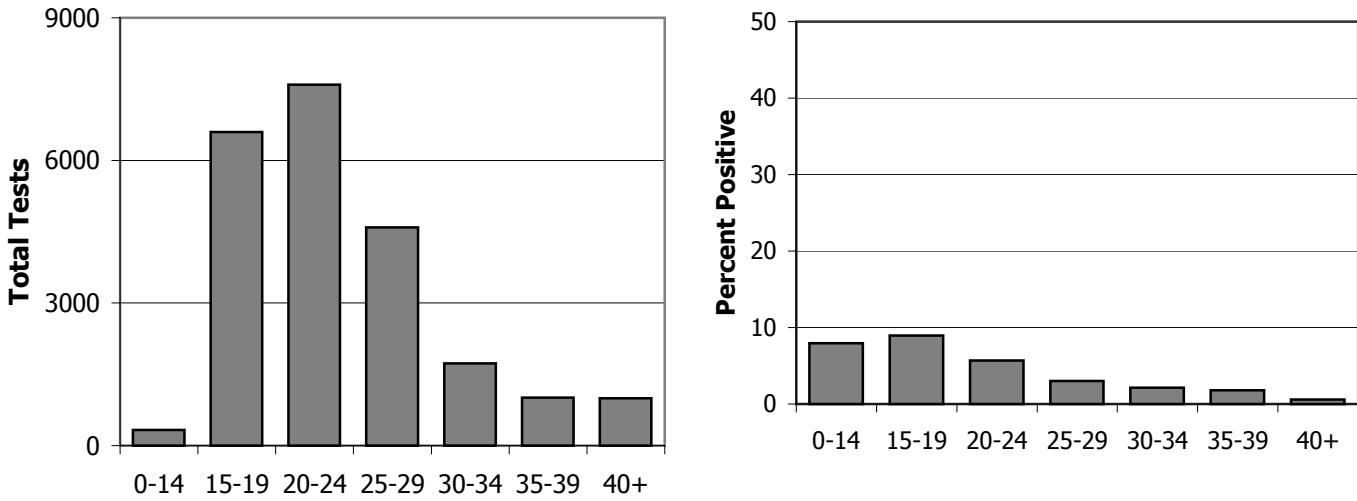
**Table 31. Chlamydia Screening in Family Planning Clinics Among Females (Jan. - Jun. 2005)**

| <b>Age Group</b> | <b>White</b>  |            |            | <b>Black</b> |            |             | <b>Hispanic</b> |           |            | <b>Other<sup>12</sup></b> |           |            | <b>Total</b>  |              |            |
|------------------|---------------|------------|------------|--------------|------------|-------------|-----------------|-----------|------------|---------------------------|-----------|------------|---------------|--------------|------------|
|                  | No.           | Pos.       | % Pos.     | No.          | Pos.       | % Pos.      | No.             | Pos.      | % Pos.     | No.                       | Pos.      | % Pos.     | No.           | Pos.         | % Pos.     |
| 0 - 9            | 0             | 0          |            | 0            | 0          |             | 0               | 0         |            | 0                         | 0         |            | 0             | 0            |            |
| 10 - 14          | 191           | 8          | 4.2        | 120          | 16         | 13.3        | 9               | 2         | 22.2       | 7                         | 0         | 0.0        | 327           | 26           | 8.0        |
| 15 - 19          | 3,965         | 188        | 4.7        | 2,101        | 380        | 18.1        | 335             | 8         | 2.4        | 195                       | 15        | 7.7        | 6,596         | 591          | 9.0        |
| 20 - 24          | 4,029         | 140        | 3.5        | 2,381        | 257        | 10.8        | 943             | 28        | 3.0        | 237                       | 8         | 3.4        | 7,590         | 433          | 5.7        |
| 25 - 29          | 2,066         | 41         | 2.0        | 1,204        | 76         | 6.3         | 1,145           | 19        | 1.7        | 179                       | 2         | 1.1        | 4,594         | 138          | 3.0        |
| 30 - 34          | 752           | 6          | 0.8        | 551          | 20         | 3.6         | 360             | 10        | 2.8        | 69                        | 1         | 1.4        | 1,732         | 37           | 2.1        |
| 35 - 39          | 428           | 8          | 1.9        | 401          | 6          | 1.5         | 130             | 3         | 2.3        | 48                        | 1         | 2.1        | 1,007         | 18           | 1.8        |
| 40 - 44          | 262           | 0          | 0.0        | 316          | 2          | 0.6         | 43              | 1         | 2.3        | 21                        | 0         | 0.0        | 642           | 3            | 0.5        |
| 45 - 49          | 115           | 0          | 0.0        | 151          | 1          | 0.7         | 11              | 0         | 0.0        | 11                        | 1         | 9.1        | 288           | 2            | 0.7        |
| 50+              | 25            | 0          | 0.0        | 36           | 1          | 2.8         | 2               | 0         | 0.0        | 5                         | 0         | 0.0        | 68            | 1            | 1.5        |
| Not Reported     | 22            | 2          | 9.1        | 11           | 3          | 27.3        | 6               | 0         | 0.0        | 8                         | 0         | 0.0        | 47            | 5            | 10.6       |
| <b>Total</b>     | <b>11,855</b> | <b>393</b> | <b>3.3</b> | <b>7,272</b> | <b>762</b> | <b>10.5</b> | <b>2,984</b>    | <b>71</b> | <b>2.4</b> | <b>780</b>                | <b>28</b> | <b>3.6</b> | <b>22,891</b> | <b>1,254</b> | <b>5.5</b> |

**Figure W. Chlamydia Screening in FP Clinics - Females by Race**



**Figure X. Chlamydia Screening in FP Clinics - Females by Age Group**

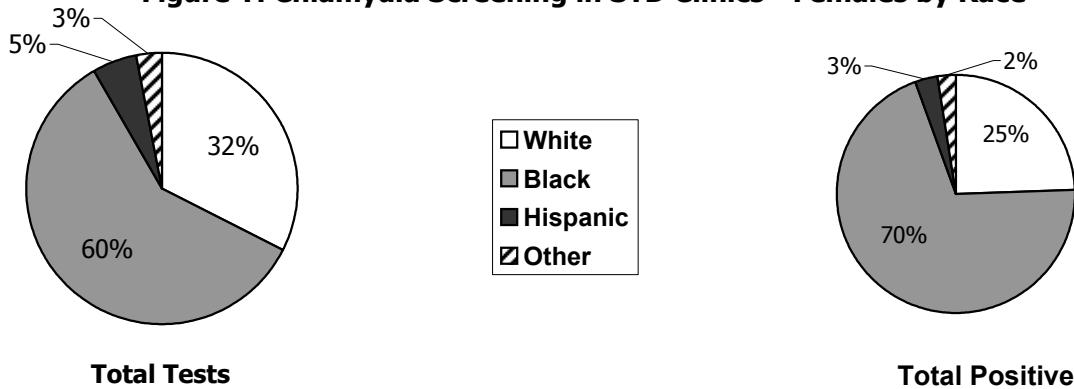


**Virginia Department of Health**  
**Division of HIV, STD, and Pharmacy Services**  
**Quarterly Surveillance Report**  
**Data Reported through December 31, 2004**

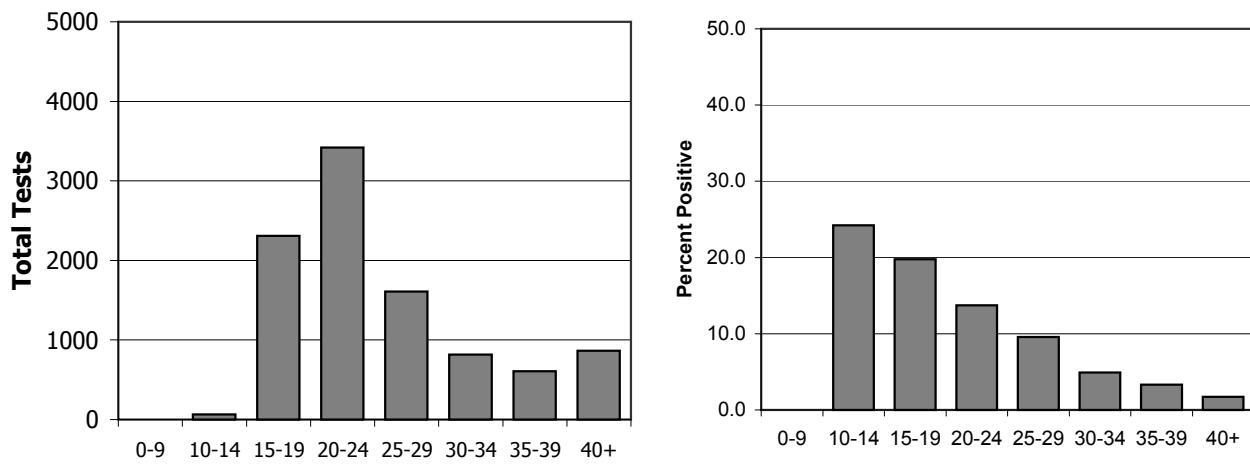
Table 32. Chlamydia Screening in STD Clinics Among Females (Jan. - Jun. 2005)

| <b>Age Group</b> | <b>White</b> |            |            | <b>Black</b> |            |             | <b>Hispanic</b> |           |            | <b>Other<sup>12</sup></b> |           |            | <b>Total</b> |              |             |
|------------------|--------------|------------|------------|--------------|------------|-------------|-----------------|-----------|------------|---------------------------|-----------|------------|--------------|--------------|-------------|
|                  | No.          | Pos.       | % Pos.     | No.          | Pos.       | % Pos.      | No.             | Pos.      | % Pos.     | No.                       | Pos.      | % Pos.     | No.          | Pos.         | % Pos.      |
| 0 - 9            | 1            | 0          | 0.0        | 0            | 0          | 0.0         | 0               | 0         | 0.0        | 0                         | 0         | 0.0        | 1            | 0            | 0.0         |
| 10 - 14          | 28           | 5          | 17.9       | 30           | 7          | 23.3        | 2               | 1         | 50.0       | 6                         | 3         | 50.0       | 66           | 16           | 24.2        |
| 15 - 19          | 827          | 118        | 14.3       | 1,336        | 318        | 23.8        | 78              | 9         | 11.5       | 69                        | 12        | 17.4       | 2,310        | 457          | 19.8        |
| 20 - 24          | 1,060        | 115        | 10.8       | 2,108        | 327        | 15.5        | 150             | 17        | 11.3       | 103                       | 10        | 9.7        | 3,421        | 469          | 13.7        |
| 25 - 29          | 458          | 32         | 7.0        | 973          | 114        | 11.7        | 129             | 6         | 4.7        | 50                        | 2         | 4.0        | 1,610        | 154          | 9.6         |
| 30 - 34          | 249          | 8          | 3.2        | 452          | 29         | 6.4         | 86              | 2         | 2.3        | 30                        | 1         | 3.3        | 817          | 40           | 4.9         |
| 35 - 39          | 199          | 3          | 1.5        | 353          | 14         | 4.0         | 38              | 3         | 7.9        | 16                        | 0         | 0.0        | 606          | 20           | 3.3         |
| 40 - 44          | 161          | 3          | 1.9        | 283          | 5          | 1.8         | 20              | 0         | 0.0        | 5                         | 0         | 0.0        | 469          | 8            | 1.7         |
| 45 - 49          | 96           | 3          | 3.1        | 127          | 3          | 2.4         | 6               | 0         | 0.0        | 8                         | 0         | 0.0        | 237          | 6            | 2.5         |
| 50+              | 60           | 0          | 0.0        | 87           | 1          | 1.1         | 6               | 0         | 0.0        | 5                         | 0         | 0.0        | 158          | 1            | 0.6         |
| Not Reported     | 9            | 1          | 11.1       | 5            | 2          | 40.0        | 2               | 0         | 0.0        | 2                         | 0         | 0.0        | 18           | 3            | 16.7        |
| <b>Total</b>     | <b>3,148</b> | <b>288</b> | <b>9.1</b> | <b>5,754</b> | <b>820</b> | <b>14.3</b> | <b>517</b>      | <b>38</b> | <b>7.4</b> | <b>294</b>                | <b>28</b> | <b>9.5</b> | <b>9,713</b> | <b>1,174</b> | <b>12.1</b> |

**Figure Y. Chlamydia Screening in STD Clinics - Females by Race**



**Figure Z. Chlamydia Screening in STD Clinics - Females by Age Group**



## **TECHNICAL NOTES**

The Commonwealth of Virginia has required the reporting of individuals testing positive for antibodies to Human Immunodeficiency Virus (HIV) since July 1989 and of individuals diagnosed with Acquired Immunodeficiency Syndrome (AIDS) since 1983. Syphilis and gonorrhea have been reported since 1941, and chlamydial infections have been reported since 1989.

Each issue of this report includes information received and tabulated through the last day of the quarter. Data are tabulated using date of report by the Virginia Department of Health, Division of HIV, STD, and Pharmacy Services, unless otherwise noted.

1. HIV totals are cumulative from July 1989; AIDS totals are cumulative from 1982.
2. HIV age group tabulations are based on the person's age when the earliest positive HIV test was documented. AIDS age group tabulations are based on the person's age at diagnosis of AIDS. Adolescent/adult cases include persons 13 years of age and older; pediatric cases include children under 13 years of age.
3. "Men Having Sex with Men (MSM)" includes men who report sexual contact with other men and men who report sexual contact with both men and women.
4. "Heterosexual Contact" includes persons who report specific heterosexual contact with an HIV-infected person or with a person at increased risk for HIV infection (e.g., an injecting drug user). Previously, individuals born in "Pattern II" countries were presumed to have acquired HIV infection through heterosexual contact and were included in the "heterosexual contact" mode of transmission. For cases entered after January 1, 1993, being born in a Pattern II country is not considered a sufficiently documented risk for HIV transmission. [The term Pattern II was designated by the World Health Organization (MMWR 1988; 37:286-8, 293-5) to describe areas of sub-Saharan Africa and some Caribbean countries with a distinct transmission pattern in which most reported cases occurred in heterosexuals and the male-to-female ratio is approximately 1:1.]
5. "Transfusion Blood/Products" refers to transmitting of HIV via transfusing blood or blood products or transplanting tissue or organs before to March 1985. Cases reporting these modes of transmission after March, 1985 are recorded with this risk only after confirmatory investigations.
6. As of October 2001, "Multiple Heterosexual Contacts" has been redefined as HIV or AIDS cases having had sexual relations with ten or more lifetime heterosexual partners, or three or more heterosexual partners in the previous twelve months. Prior to October 2001, "Multiple Heterosexual Contacts" indicated HIV or AIDS cases having none of the other identified risk factors, but have had two or more heterosexual partners with undocumented risks.
7. "Undetermined/Not Reported" includes HIV cases not counseled due to medical reasons or who refused counseling. Undetermined/Not Reported also includes AIDS cases lost to surveillance follow-up and for which a risk could not be established.
8. It is possible for an adult/adolescent AIDS case to have a pediatric mode of transmission.
9. Due to small cell sizes, Asian/Pacific Islander and American Indian/Alaskan Native have been combined into "Other/Not Reported". Totals for these racial/ethnic categories may be found in Table 1.
10. Tables 23 - 28 summarize the number of HIV tests processed by the Division of Consolidated Laboratory Services (DCLS), the central state laboratory. Tests conducted by private laboratories are not included.
11. Incidence Rate per 100,000 is calculated by dividing the number of new cases reported by the population size during a defined length of time ( $I = \# \text{ of new cases} / (\% \text{ of 1 year} \times \text{population}) \times 100,000$ ).
12. Due to small cell sizes, Asian/Pacific Islander and American Indian/Alaskan Native have been combined in to "OTHER" to protect confidentiality.
13. In 2002, the Division of HIV, STD, and Pharmacy Services initiated geocoding of HIV and STD morbidity to ensure assignment of morbidity to the correct localities. As a result, disease burdens for Health Districts in 2002 and 2003 may differ from prior years.
14. Rates are based on 2000 US Census Data and adjusted quarterly for comparison.

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# Virginia Department of Health

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## Division of HIV, STD, and Pharmacy Services Directory

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**Casey W. Riley, Director**

### **Disease Reporting**

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#### **HIV/AIDS case assistance**

|                                       |                    |                |                |
|---------------------------------------|--------------------|----------------|----------------|
| Regional Consultants                  | Northern/Northwest | Jonne Warner   | (804) 864-7997 |
|                                       | Central/Southwest  | Suzanne Willis | (804) 864-7998 |
|                                       | Eastern            | Sharon Carter  | (804) 864-8025 |
| Incidence and Resistance Surveillance | Statewide          | Nene Diallo    | (804) 864-8003 |
| Behavioral Surveillance               | Statewide          | Joan Chaplin   | (804) 864-7999 |
| <b>STD Surveillance Coordinator</b>   | Statewide          | Tammie Woodson | (804) 864-7979 |

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- Facsimile..... (804) 864-7983
- Chlamydia Prevention Program ..... (804) 864-8030  
Screening, treatment and education
- Community Services..... (804) 864-7964  
Information on prevention funding, education resources, community planning, training and programs
- Health Care Services ..... (804) 864-7965  
Information on AIDS Drug Assistance Program, Ryan White programs and healthcare
- HIV Counseling, Testing and Partner Counseling and Referral Services..... (804) 864-8030  
Information on HIV testing services and publicly funded counseling and testing sites;  
guidelines for HIV counseling, testing and partner counseling and referral
- HIV/STD and Viral Hepatitis Hotline..... (800) 533-4148  
Brochures, information, literature, posters
- Media and Communications ..... (804) 864-7963  
Public relations campaigns, special events and media inquiries
- Statistical Requests..... (800) 533-4148  
HIV/AIDS/STD statistical data
- Syphilis Elimination Project ..... (804) 864-8028  
Screening, treatment and education
- Viral Hepatitis Prevention and Control Program ..... (804) 864-7992  
Information on education resources, training and referrals
-

**HIV/STD LITERATURE REQUEST FORM**  
**REVISED MAY 14 2003**

**DATE:** \_\_\_\_\_ **ALL NAMES MUST BE FULLY WRITTEN OUT NO ABBREVIATIONS** **PHONE:** \_\_\_\_\_  
**NAME: Agency, or Company NAME:** \_\_\_\_\_  
**STREET ADDRESS:** \_\_\_\_\_

**PLEASE NOTE: NO P O BOX      STREET ADDRESSES ONLY**

IF YOU HAVE QUESTIONS ON PAMPHLETS AND QUANTITY PLEASE CALL 1-800-533-4148

**PLEASE SPECIFY QUANTITY**

**VDH BROCHURES**

HD01 How to use a Condom  
 HD02 HIV Antibody Test  
 HD03 Sexually Transmitted Diseases  
 HD04 African-Americans: Take Steps To Protect Your Body  
 HD05 HIV FACTS-What are Your Risks?  
 HD06 Shooting Up and HIV/AIDS

HD07 Important Precautions for Tattoo & Body Piercing Staff  
 HD08 Universal Precautions  
 HD09 Dear Marriage License Applicants (For Circuit Courts)  
 HD10 ABC's of Day Care Attendance  
 HD11 Guidelines for School Attendance (**ONLY 1 copy**)  
 HD12 What About This Disease Called CHLAMYDIA

HD13 Virginia ADAP, Information for Providers  
 HD14 It's Your Body, Respect It! Protect It! (Condom Cover)  
 HD15 Information for Patients ADAP  
 HD16 Positive Living Manual and Tracker  
 HD17 Syphilis Cards (Five different cards N. VA **ONLY**)  
 HD18 Syphilis Cards (Five different cards)

**CHANNING BETE BROCHURES**

CB01 You, Your Baby and HIV  
 CB02 Abstinence-Saying "No" to Sex  
 CB03 Anyone Can Get AIDS

CB04 Hepatitis C-What you should know  
 CB05 HIV, Women Get It Too  
 CB06 Young People Get HIV

CB07 Genital Warts and HPVs-What you need to know  
 CB08 About Herpes  
 CB09 About Viral Hepatitis

CB11 About Pelvic Inflammatory Disease  
 CB12 About Vaginal Infections  
 CB13 Stay Free From Hepatitis B

**POSTERS**

VP01 Hook Up on the Internet (HIV/Syphilis)  
 VP02 "So You Think Chlamydia is a Flower?" (Adult)  
 VP03 "Infection Control" (Universal Precautions)  
 VP04 "So You Think Chlamydia is a Flower?" (Adult, Spanish)

VP05 "So You Think Chlamydia is a Flower?" (Teen, Spanish)  
 VPO6 Safer Sex (Lock & Chain)  
 VPO7 "Pssst-Pssst" (Pregnancy & HIV test)  
 VPO8 "So You Think Chlamydia is a Flower?" (Teen)

VP09 Deem Consent  
 VP10 Deem Consent (Spanish)

**NEW FOREIGN LANGUAGE BROCHURES**

**LIMITED COPIES AVAILABLE**

AMH1 Amharic HIV Antibody Test  
 AMH2 Amharic Sexually Transmitted Disease  
 ARA1 Arabic HIV Antibody Test  
 ARA2 Arabic Sexually Transmitted Disease  
 KOR1 Korean HIV Antibody Test  
 KOR2 Korean Sexually Transmitted Disease  
 RUS1 Russian HIV Antibody Test  
 RUS2 Russian Shooting Up and HIV  
 URD1 Urdu HIV Antibody Test  
 URD2 Urdu Sexually Transmitted Disease  
 VIE1 Vietnamese HIV Antibody Test  
 VIE2 Vietnamese Sexually Transmitted Disease

HS02 HIV Antibody Test  
 HS06 Shooting Up and HIV/AIDS  
 HS08 Universal Precautions (card)  
 HS12 What About This Disease Called CHLAMYDIA  
 HS14 It's Your Body, Respect It! Protect It! (Condom Cover)  
 HS15 Information for Patients ADAP  
 HS16 Positive Living Manual and Tracker  
 HS17 Syphilis Card (N. VA **ONLY**)

BS01 You, Your Baby and HIV  
 BS02 Abstinence-Saying "NO" to Sex  
 BS03 Anyone Can Get AIDS  
 BS04 Hepatitis C-What you should know  
 BS05 HIV, Women Get It Too  
 BS06 Young People Get AIDS  
 BS07 Genital Warts and HPVs-What You Need To Know  
 BS13 Stay Free From Hepatitis B  
 BS14 Sex is Safer with a Condom  
 BS15 SEX & STDs, How to Stay Safe

**Mail all requests to:**

Virginia Department of Health  
Division of HIV, STD, and Pharmacy Services, 3<sup>rd</sup> Floor  
P.O. Box 2448  
Richmond, VA 23218-2448  
FAX: (804) 864-7983





Virginia Department of Health  
Division of HIV, STD, and Pharmacy Services  
P.O. Box 2448  
Richmond, Virginia 23218

